1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER         Name On Label Product Number:       N:(n-Butyl)-n:propylamine 30 bond Street, Vard Hill, Massachusetts, 0183-8099 Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300         Atternative Names       None in common use.         2. COMPOSITION AND INFORMET       Name None in common use.         2. COMPOSITION AND INFORMET       Name Not defermined Not defermined State and the state and the state and the state and the state and the state Not defermined Risk Phrases       EINECS No. 2435755       EEC No.         3. HAZARDS IDENTIFICATION Risk Phrases       FLAMMABLE - IRRITANT       Risk Phrases       Risk Phrases         Risk Phrases       Romove to fresh air. If breathing is difficult give oxygen and seek medical attention.       Eye Contact         FUSH MIC Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If initiation persists or other symptoms are observed, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If initiation persists. Use carbon dinkide of dy powder.         Protective Equipment       Waser self-contactive cothing.         Brine out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If intriation persists. Use carbon dinkide or dy powder.         Protective Equipment							
Product Number       18141         Supplier       18141         Supplier       30 Bond Street, Ward Hill, Massachusets, 01835-8099 Emergency Telephone Number: (978) 521-6300; CHEMTREC: (800) 424-9300         Atternative Names       None in common use.         2. COMPOSITION AND INFORMATION ON COMPONENTS         Name       N-n-BuiltyD-n-propylamine Minor Impurities         No1 determined CAS No.       20193-21-9         EINECS No. 2435755       EEC No.         3. HAZARDS IDENTIFICATION       Else Thransele. R36/37/38         Designation       FLAMMABLE ~ IRRITANT         Risk Phrases       R10         FIBST AID MEASURES       Flarmable. R36/37/38         Imbalation       Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with scop and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         5. FIRE FIGHTING MEASURES       Extinguishing Medium         Protective Equipment       User fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon monxide, carbon dioxide, oxides ot nitrogen, nitric acid, hydrogen cyanide.	1. IDENTIFICATION OF SU	BSTANCE AND SUPPLIER					
2. COMPOSITION AND INFORMATION ON COMPONENTS         Name Minor impurities       N-(n-Butyl)-n-propylamine Not determined ZAS No.       20193-21-9       ENECS No. 2435755       EEC No.         3. HAZARDS IDENTIFICATION       Designation       FLAMMABLE ~ IRRITANT       Risk Phrases       R10       Flammable. R36/37/38       Irritating to eyes, respiratory system and skin.         4. FIRST AID MEASURES       Inhalation       Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice. Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         5. FIRE FIGHTING MEASURES       Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES       Exposual Protection         Reep away from ignition sources. Avoid inhalation of vapour. Wear protective equipme	Product Number	N-(n-Butyl)-n-propylamine 18141 Johnson Matthey Catalog Company Inc. 30 Bond Street, Ward Hill, Massachusetts, 01835-8099					
Name Minor impurities         N-(n-Buly()-n-propylamine Not determined           AS No.         20193-21-9         EINECS No. 2435755         EEC No.           3. HAZARDS IDENTIFICATION         Designation         FLAMMABLE ~ IRRITANT           Risk Phrases         R10         Flammable. R36/37/38         Irritating to eyes, respiratory system and skin.           4. FIRST AID MEASURES         Inhalation         Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Flush with copious amounts of water for at least 15 minutes. If initiation persists, seek medical attention.           Skin Contact         Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice. Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.           5. FIRE FIGHTING MEASURES         Extinguishing Medium way be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.           Protective Equipment         Wear self-contained breathing apparatus and protective clothing.           Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.           6. ACCIDENTAL RELEASE MEASURES           Personal Protection absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.           7. HANDLING AND STORAGE <t< th=""><th>Alternative Names</th><th>None in common use.</th></t<>	Alternative Names	None in common use.					
Minor Impurities         Not determined           CAS No.         20193-21-9         EINECS No. 2435755         EEC No.           3. HAZARDS IDENTIFICATION         Designation         FLAMMABLE - IRRITANT           Risk Phrases         R10         Flammable. R36/37/38         Flammable. R36/37/38           4. FIRST AID MEASURES         Fritating to eyes, respiratory system and skin.           1. Inhalation         Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.           Skin Contact         Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical attention.           Stine Contact         Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical attention.           1. FIRE FIGHTING MEASURES         Extinguishing Medium         Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.           Protective Equipment         Wear self-contained breathing apparatus and protective clothing.           Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.           6. ACCIDEN	2. COMPOSITION AND INF	ORMATION ON COMPONENTS					
Designation         FLAMMABLE - IRRITANT           Risk Phrases         R10 R36/37/38         Flammable. Fritating to eyes, respiratory system and skin.           4. FIRST AID MEASURES         Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Fush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.           Skin Contact         Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice. Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.           5. FIRE FIGHTING MEASURES         Extinguishing Medium         Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.           Protective Equipment         Wear self-contained breathing apparatus and protective clothing.           Hazardous Products of combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.           6. ACCIDENTAL RELEASE         MEASURES           Personal Protection         Ree paway from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away. Take procautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal. <th>Minor Impurities</th> <th>Not determined</th>	Minor Impurities	Not determined					
Risk Phrases       R10 R36/37/38       Flammable. Flammable. Flash       Flammable. Flash         4. FIRST AID MEASURES       Inhalation       Remove to fresh air. If breathing is difficult give oxygen and seek medical attention. Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Flinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice. Ingestion       Remove contaminated clothing. Wash affected area with soap and water. Flinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         5. FIRE FIGHTING MEASURES       Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unotected persons away.         Collection       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be wo	3. HAZARDS IDENTIFICAT	ION					
A: FIRST AID MEASURES         Inhalation         Eye Contact         Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         Ingestion       Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         5. FIRE FIGHTING MEASURES       Extinguishing Medium use involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Environmental Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Collection       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storage <th>Designation</th> <th colspan="5">FLAMMABLE ~ IRRITANT</th>	Designation	FLAMMABLE ~ IRRITANT					
Inhalation       Remove to fresh air. If breathing is difficult give oxygen and seek medical attention.         Fush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         Ingestion       Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         5. FIRE FIGHTING MEASURES       Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Environmental Protection       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storeage       Store in tiphty sealed	Risk Phrases						
Eye Contact       Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical attention.         Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         Ingestion       Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         5. FIRE FIGHTING MEASURES       Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE       MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried ou	4. FIRST AID MEASURES						
Skin Contact       Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If irritation persists or other symptoms are observed, seek medical advice.         Ingestion       Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical advice.         5. FIRE FIGHTING MEASURES         Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide or dry powder.         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away. Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORACE       Handling       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be over. Operations should be carried out in an efficient fume hood or equivalent system.         8. EXPOSURE CONTROLS       AND PERSONAL PROTECTION         Respiratory       Avoid inhalation of product. Handle in an efficient fume hood or equivalent		Flush with copious amounts of water for at least 15 minutes. If irritation persists, seek medical					
Ingestion       Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical attention.         5. FIRE FIGHTING MEASURES         Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE         Handling       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storage       Store in tightly sealed containers in a cool place. Protect from moisture.         8. EXPOSURE CONTROLS AND PERSONAL PROTECTION       Avoid inhalation of product. Handle in an efficient fume hood or equivale	Skin Contact	Remove contaminated clothing. Wash affected area with soap and water. Rinse thoroughly. If					
Extinguishing Medium       Use fire fighting measures which suit the environment and take into account other materials which may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE         Handling       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storage       Store in tightly sealed containers in a cool place. Protect from moisture.         8. EXPOSURE CONTROLS AND PERSONAL PROTECTION       Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, portective clothing and, for larger <th>Ingestion</th> <th colspan="5">Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical</th>	Ingestion	Rinse out mouth and drink lots of water. In case of irritation or other symptoms, seek medical					
may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.         Protective Equipment       Wear self-contained breathing apparatus and protective clothing.         Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Environmental Protection       Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storage       Store in tightly sealed containers in a cool place. Protect from moisture.         8. EXPOSURE CONTROLS AND PERSONAL PROTECTION       Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Hands and Body	5. FIRE FIGHTING MEASU	RES					
Hazardous Products of Combustion may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away. Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE         Handling       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Storage         8. EXPOSURE CONTROLS AND PERSONAL PROTECTION         Respiratory       Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger		may be involved. In general, water-based extinguishers should not be used for fires involving organic materials. Use carbon dioxide or dry powder.					
cyanide.         6. ACCIDENTAL RELEASE MEASURES         Personal Protection         Environmental Protection       Keep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away.         Collection       Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.         7. HANDLING AND STORAGE       Chemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system.         Storage       Store in tightly sealed containers in a cool place. Protect from moisture.         8. EXPOSURE CONTROLS AND PERSONAL PROTECTION       Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger							
Personal Protection Environmental Protection CollectionKeep away from ignition sources. Avoid inhalation of vapour. Wear protective equipment including rubber gloves, eye protection and breathing equipment. Keep unprotected persons away. Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.7. HANDLING AND STORAGE Handling StorageChemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Store in tightly sealed containers in a cool place. Protect from moisture.8. EXPOSURE CONTROLSAND PERSONAL PROTECTIONRespiratory Eye Hands and BodyAvoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid skin contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger							
Environmental Protection Collectionrubber gloves, eye protection and breathing equipment. Keep unprotected persons away. Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.7. HANDLING AND STORAGE HandlingChemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Storage8. EXPOSURE CONTROLSAND PERSONAL PROTECTIONRespiratory Eye Hands and BodyAvoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger	6. ACCIDENTAL RELEASE MEASURES						
Environmental Protection CollectionTake precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for disposal.7. HANDLING AND STORAGE Handling StorageChemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. StorageStorageStore in tightly sealed containers in a cool place. Protect from moisture.8. EXPOSURE CONTROLS AND PERSONAL PROTECTION Avoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger	Personal Protection						
HandlingChemicals should be used only by those trained in handling potentially hazardous materials. Rubber gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Store in tightly sealed containers in a cool place. Protect from moisture.8. EXPOSURE CONTROLS AND PERSONAL PROTECTION Respiratory Eye Hands and BodyAvoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid skin contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger		Take precautions to ensure product does not contaminate the ground or enter the drainage system. Absorb in vermiculite or proprietary absorbent material and transfer to sealed containers for					
Storagegloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Store in tightly sealed containers in a cool place. Protect from moisture.8. EXPOSURE CONTROLS AND PERSONAL PROTECTIONRespiratory Eye Hands and BodyAvoid inhalation of product. Handle in an efficient fume hood or equivalent system. Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger	7. HANDLING AND STORAGE						
RespiratoryAvoid inhalation of product. Handle in an efficient fume hood or equivalent system.EyeAvoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.Hands and BodyIrritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger	-	gloves, eye protection and protective clothing should be worn. Operations should be carried out in an efficient fume hood or equivalent system. Store in tightly sealed containers in a cool place.					
EyeAvoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.Hands and BodyIrritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger	8. EXPOSURE CONTROLS AND PERSONAL PROTECTION						
	Eye	Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask. Irritant product. Avoid skin contact. Wear rubber gloves, protective clothing and, for larger					

## Continued on next page...

## 18141 continued.

9. PHYSICAL AND CHEMICAL PROPERTIES Appearance Physical Constants b.p. 133-134' Molecular formula CrH17N Not available Plast Point Not available Plast Point Not available Plast Point Not available N						
Piysical Constants       b.p. 133-134'         Water solubility       CyH17N         Prash Point       Not available         10. STABILITY AND REACTIVITY         Specific Hazard         Incompatibilities       Acids. Oxidising agents. Acid chlorides. Acid anhydrides. Aluminium. Copper. Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of mitrogen, nitric acid, hydrogen cyanide.         11. TOXICOLOGICAL INFORMATION         RTECS No.       Not listed         Acute Toxicity       LDrg: No data reported Invitation to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION         UN Number       1993         15. REGULATORY INFORMATION         CASN to 20193-21-9       EINECS No. 2435755         CASN to 20193-21-9       EINECS No. 2435755         CASN to 20193-21-9       EINECS No. 2435755         Flammable. Intrating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rise immediately with plenty of water and seek medical advice. Wear suitable protective clothing.      <	9. PHYSICAL AND CHEMIC	CAL PROPERTIES				
Specific Hazard       Acids. Oxidising agents. Acid chlorides. Acid anhydrides. Aluminium. Copper. Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         11. TOXICOLOGICAL INFORMATION         RTECS No.       Not listed         Acute Toxicity       LD <sub>90</sub> : No data reported Intritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION         UN Number       1993         Land Transport       ADR/HIC Code/Class         Ari Transport       IMDG Code/Class         Ari Transport       IMDG Code/Class         Ari Transport       IACACde/Class         I Ari Transport       IMDE Code/Class         I Ari Transport       INDEC Code/Class         I Ari Transport       IACACde/Class         I Ari Transport       IACACde/Class         I Ari Transport       INDEC Code/Class         I Ari Transport       INDEC Code/Class         I Ari Transport       INDEC Code/Class         I Ari Transport       INDE	Physical Constants Molecular formula Water solubility	C <sub>7</sub> H <sub>17</sub> N		-		
Incompatibilities Decomposition       Acids. Oxidising agents. Acid chlorides. Acid anhydrides. Aluminium. Copper. Hazardous products of decomposition may include:carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         11. TOXICOLOGICAL INFORMATION       Intervention         RTECS No.       Not listed         Acute Toxicity       LD <sub>50</sub> ; No data reported Irritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION         UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3         Packing Group III         Maritime Transport       ADR/RIC Code/Class       3.3         Packing Group III         Air Transport       ADR/RIC No. 2435755       EEC No.       UN No. 1993         CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable. Irritating to eyes, respiratory system and skin. Keep aawy from sources of ignition - No Smoking. In case of contact with eyes, rinse immediate	10. STABILITY AND REAC	ΤΙVITY				
Decomposition       Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of nitrogen, nitric acid, hydrogen cyanide.         11. TOXICOLOGICAL INFORMATION       Itrite acid, hydrogen cyanide.         RTECS No.       Not listed         Acute Toxicity       LD <sub>sg</sub> . No data reported Irritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS       General         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS       Disposal         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number         193       Land Transport         MDG Code/Class       3.3       Packing Group III         Maritime Transport       IMDG Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       CAS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard lindication       FLAMMABLE ~ IRRITANT       Flammable.       Irritating to eyes, respiratory system and skin.       Keep away from sources of ignition - No Smoking.       In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         Wear suitable protective clothing.       Listed substance.       Is often subased on our pres	Specific Hazard					
RTECS No.       Not listed         Acute Toxicity       LD <sub>50</sub> : No data reported Irritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS       Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number       1993         Land Transport       ADP/RIC Code/Class       3.3       Packing Group III         Maritime Transport       ADP/RIC Code/Class       3.3       Packing Group III         Air Transport       IMDG Code/Class       3.3       Packing Group III         Karting Transport       ADP/RIC Code/Class       3.3       Packing Group III         Start Transport       IMDE Code/Class       3.3       Packing Group III         Start Transport       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.       Listed substance.       Listed substance <th></th> <th colspan="3">Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of</th>		Hazardous products of decomposition may include: carbon monoxide, carbon dioxide, oxides of				
Acute Toxicity       LD <sub>50</sub> : No data reported Irritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS       Disposal biolid be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number         1993       Land Transport         Maritime Transport       ADR/RIC Code/Class       3.3         Packing Group III       Maritime Transport         Air Transport       ADR/RIC Code/Class       3.3         Packing Group III       IATA Code/Class       1.4         Hazard Indication       FLAMMABLE - IRRITANT       Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.	11. TOXICOLOGICAL INFO	RMATION				
Irritating to eyes, respiratory system and skin.         12. ECOLOGICAL EFFECTS         General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number         1993       Land Transport         ADPI/RIC Code/Class       3.3         Packing Group III         Maritime Transport       ADPI/RIC Code/Class         AD Transport       ADPI/RIC Code/Class         AND Code/Class       3.3         Packing Group III         Maritime Transport       ADPI/RIC Code/Class         AD Transport       ADPI/RIC Code/Class         AD TA Code/Class       3.3         Packing Group III       AIT A Code/Class         As 7 ransport       IATA Code/Class         AS No. 20193-21-9       EINECS No. 2435755         BiNECS No. 2435755       EEC No.       UN No. 1993         Hazard Indication       FLAMMABLE ~ IRRITANT         Risk & Safety Phrases       Flammable.       Irritating to eyes, respiratory system and skin.         Kreep away from sources of ignition - No Smoking.       In case of contact with eyes, rinse immediately w	RTECS No.	Not listed				
General       Take care to prevent chemicals from entering the ground, water courses or drainage systems.         13. DISPOSAL CONSIDERATIONS       Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3       Packing Group III         Maritime Transport       ADR/RIC Code/Class       3.3       Packing Group III         Air Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.       Iside substance.         16. OTHER INFORMATION       It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific	Acute Toxicity					
13. DISPOSAL CONSIDERATIONS         Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number         UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3         Packing Group III       Maritime Transport       IMDG Code/Class         Air Transport       IATA Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable.       Irritating to eyes, respiratory system and skin.       Keep away from sources of ignition - No Smoking.       In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         Wear suitable protective clothing.       Listed substance.       16. OTHER INFORMATION         It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. <th colspan="5">12. ECOLOGICAL EFFECTS</th>	12. ECOLOGICAL EFFECTS					
Disposal       Disposal should be via an approved contractor and should take full account of local regulations.         14. TRANSPORT INFORMATION       UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3       Packing Group III         Maritime Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable.       Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.         16. OTHER INFORMATION       It is to an approve the ecognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	General	Take care to prevent chemicals from entering the ground, water courses or drainage systems.				
14. TRANSPORT INFORMATION         UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3       Packing Group III         Maritime Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable.       Irritating to eyes, respiratory system and skin.         Keep away from sources of ignition - No Smoking.       In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         Wear suitable protective clothing.       Isted substance.         16. OTHER INFORMATION       It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	13. DISPOSAL CONSIDERATIONS					
UN Number       1993         Land Transport       ADR/RIC Code/Class       3.3       Packing Group III         Maritime Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.         16. OTHER INFORMATION         It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	Disposal	Disposal should be via an approv	ed contractor and sho	uld take full account of local regulations.		
Land Transport       ADR/RIC Code/Class       3.3       Packing Group III         Maritime Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IATA Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION         CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Risk & Safety Phrases       Flammable.       Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.         16. OTHER INFORMATION       If must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	14. TRANSPORT INFORMATION					
Maritime Transport       IMDG Code/Class       3.3       Packing Group III         Air Transport       IMDG Code/Class       3.3       Packing Group III         15. REGULATORY INFORMATION       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT       Immable.       Invitating to eyes, respiratory system and skin.       Keep away from sources of ignition - No Smoking.       In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.         TSCA       Listed substance.       Itsited substance.       Itsited substance.         It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	UN Number	1993				
CAS No. 20193-21-9       EINECS No. 2435755       EEC No.       UN No. 1993       RTECS No. Not listed         Hazard Indication       FLAMMABLE ~ IRRITANT         Risk & Safety Phrases       Flammable. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.         16. OTHER INFORMATION         It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	Maritime Transport	IMDG Code/Class 3.3	Packing Group III			
Hazard Indication       FLAMMABLE ~ IRRITANT         Risk & Safety Phrases       Flammable. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.         TSCA       Listed substance.         16. OTHER INFORMATION       It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	15. REGULATORY INFORMATION					
Risk & Safety PhrasesFlammable. Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing.TSCAListed substance.It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	CAS No. 20193-21-9	EINECS No. 2435755 EEC No	. UN No. 1	993 RTECS No. Not listed		
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16. OTHER INFORMATION It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	Risk & Safety Phrases	Irritating to eyes, respiratory system and skin. Keep away from sources of ignition - No Smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.				
It must be recognised that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	TSCA	Listed substance.				
possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	16. OTHER INFORMATION					
Date of Last Review:       3rd August 1998       Date Printed:       18th September 1998	possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a					
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