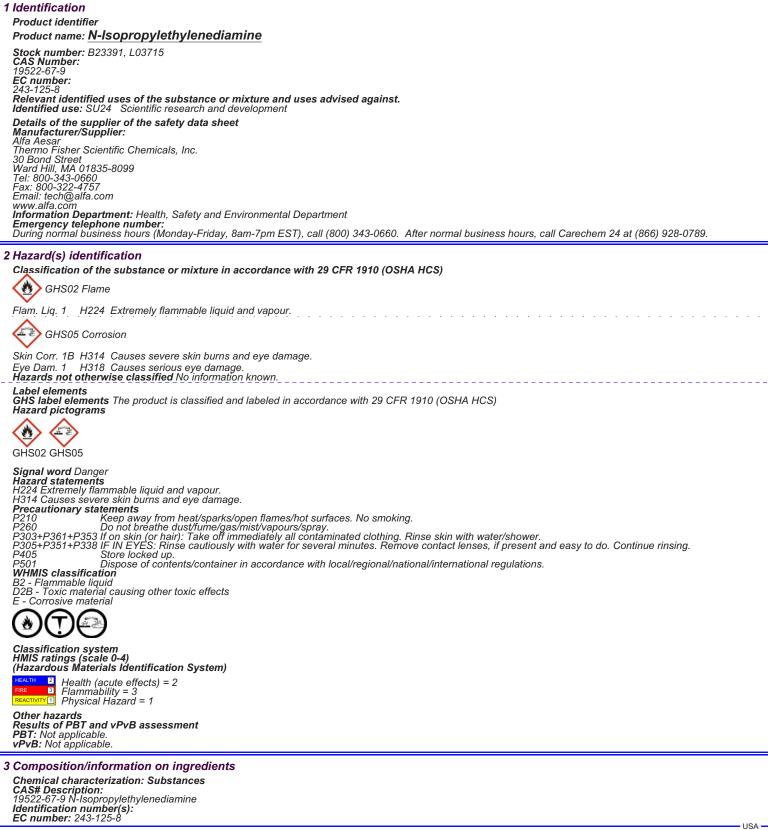


## Safety Data Sheet per OSHA HazCom 2012



(Contd. on page 2)

### Product name: N-Isopropylethylenediamine

Page 2/5 Printing date 11/24/2015 Reviewed on 09/29/2006

(Contd. of page 1)

	(Contd. of page 1)
4 First-aid measures	
Description of first aid measures General information Immediately remove any clothing soiled by the product.	
After inhalation	
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice. <b>After skin contact</b>	
Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice.	
After eye contact Rinse opened eye for several minutes under running water. Then consult a doctor. After swallowing Seek medical treatment.	
Information for doctor Most important symptoms and effects, both acute and delayed	
Causes severe skin burns. Causes serious eye damage.	
Indication of any immediate medical attention and special treatment needed No further relevant information available.	
5 Fire-fighting measures	
Extinguishing media Suitable extinguishing agents Use carbon dioxide, extinguishing powder or foam. Water may be ineffective but may be used for cooling expose	ed containers.
Special hazards arising from the substance or mixture If this product is involved in a fire, the following can be released:	
Carbon monoxide and carbon dióxide Nitrogen oxides (NOx) Advice for firefighters	
Protective equipment:	
Wear self-contained respirator. Wear fully protective impervious suit.	
6 Accidental release measures	
<b>Personal precautions, protective equipment and emergency procedures</b> Wear protective equipment. Keep unprotected persons away.	
Ensure adequate ventilation Keep away from ignition sources	
Environmental precautions: Do not allow material to be released to the environment without proper governmental permits. Methods and material for containment and cleaning up:	
Keep away from ignition sources. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).	
Use neutralizing agent. Dispose of contaminated material as waste according to section 13.	
Ensure adequate ventilation. <b>Prevention of secondary hazards:</b> Keep away from ignition sources.	
Reference to other sections	
See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.	
7 Handling and storage	
Handling Precautions for safe handling	
Keep container tightly sealed. Store in cool, dry place in tightly closed containers.	
Keep container tightly sealed. Store in cool, dry place in tightly closed containers. Ensure good ventilation at the workplace. Information about protection against explosions and fires:	
Protect against electrostatic charges. Fumes can combine with air to form an explosive mixture.	
Keep ignition sources away. Conditions for safe storage, including any incompatibilities	
Storage Requirements to be met by storerooms and receptacles: Store in a cool location.	
Information about storage in one common storage facility: Store away from oxidizing agents. Further information about storage conditions:	
Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.	
Specific end use(s) No further relevant information available.	
8 Exposure controls/personal protection	
Additional information about design of technical systems: Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.	
Control parameters	
Components with limit values that require monitoring at the workplace: Not required. Additional information: No data	
Exposure controls Personal protective equipment	
General protective and hygienic measures The usual precautionary measures for handling chemicals should be followed.	
Keep away from foodstuffs, beverages and feed. Remove all soiled and contaminated clothing immediately.	
Rep away from boostans, beverages and reed. Remove all solied and contaminated clothing immediately. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present.	
Maintain an ergonomically appropriate working environment. Breathing equipment: Use suitable respirator when high concentrations are present.	
Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.	
Eve protection:	
Tightly sealed goggles	(Contd. on page 3)
	00/( -

Full face protection **Body protection:** Protective work clothin (Contd. of page 2)

Full face protection <b>Body protection:</b> Protective work clothi	ing.			
9 Physical and chemical properties				
Information on basic physical and ch General Information Appearance: Form: Color:	emical properties Liquid Colorless			
Odor: Odor threshold:	Not determined Not determined.			
pH-value:	Not determined.			
Change in condition Melting point/Melting range: Boiling point/Boiling range: Sublimation temperature / start:	Not determined Not determined Not determined			
Flash point: Flammability (solid, gaseous) Ignition temperature: Decomposition temperature: Auto igniting:	6 °C (43 °F) Not determined. Not determined Not determined.			
Danger of explosion: Explosion limits: Lower: Upper: Vapor pressure:	Product is not explosive. However, formation of explosive air/vapor mixtures is possible. Not determined Not determined Not determined			
Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate Solubility in / Miscibility with Water:	0.819 g/cm³ (6.835 lbs/gal) Not determined. Not determined. Not determined. Not determined.			
Partition coefficient (n-octanol/water) Viscosity: dynamic: kinematic: Other information	: Not determined. Not determined. Not determined. No further relevant information available.			
10 Stability and reactivity				
Reactivity No information known. Chemical stability Stable under recommended storage conditions. Thermal decomposition / conditions to be avoided: Decomposition will not occur if used and stored according to specifications. Possibility of hazardous reactions No dangerous reactions known Conditions to avoid No further relevant information available. Incompatible materials: Oxidizing agents Hazardous decomposition products: Carbon monoxide and carbon dioxide Nitrogen oxides				
11 Toxicological information     Information on toxicological effects     Acute toxicity: Swallowing will lead to a strong corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.     LD/L C50 values that are relevant for classification: No data     Skin irritation or corrosion: Causes severe skin burns.     Eye irritation or corrosion: Causes series eye damage.     Sensitization: No sensitizing effects known.     Germ cell mutagenicity: No effects known.     Carcinogenicity: No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH.     Reproductive toxicity: No effects known.     Specific target organ system toxicity - single exposure: No effects known.     Specific target organ system toxicity - single exposure: No effects known.     Aspiration hazard: No effects known.     Subacute to chronic toxicity: No effects known.     Aspiration to xicological information: To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.				
12 Ecological information				
Toxicity Aquatic toxicity: No further relevant information available. Persistence and degradability No further relevant information available. Bioaccumulative potential No further relevant information available. Mobility in soil No further relevant information available. Additional ecological information: General notes: Do not allow material to be released to the environment without proper governmental permits. Do not allow undiluted product or large quantities to reach ground water, water course or sewage system. Avoid transfer into the environment. Results of PBT and vPvB assessment				
PBT: Not applicable. vPvB: Not applicable. Other adverse effects No further relevant information available.				
13 Disposal considerations Waste treatment methods Recommendation Consult state, local or national regulations to ensure proper disposal.				
Necommendation Consult state, 100al (	ก กลแอกล กรรมเสนอกราย อาระเทศ proper ประบรสเ.	(Contd. on page 4)		

# Safety Data Sheet per OSHA HazCom 2012

### Product name: N-Isopropylethylenediamine

Incleaned	packagings:
Uncleaned	packayinys.

(Contd. of page 3)

UM-Muniber DOT INDO. INTA UN2733   UPD proper shipping name MAG, IATA Anives. Rummable. correster. n.o.s. (M-logotop/ethylenediamine) ANIVES. FLAMMABLE. CORROSINE, N.O.S. (M-logotop/ethylenediamine) ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVES. ANIVE	Uncleaned packagings: Recommendation: Disposal must be made according to official regulations.	
DOT, MDC, MTA   UN233     Wy proper shipping name   Anvines. Rimmable.comosine. n.o.s., IV-logoropylethylenediamine)     Transport hazard class(es)   ANVINES, FLAMMABLE, CORROSIVE, N.O.S. (M-logoropylethylenediamine)     Transport hazard class(es)   IV     OV   IV     IV   IV	14 Transport information	
Date:   Animals:   Animals:   For any other bases of the animal description of the anin animal description of the animal descripti		UN2733
MDG, MTA   AMINES, FLAMMABLE, CORFOSIVE, N.O.S. (M-sagrupydethylenediamine)     Transport heard dissi(es)   O     DOT   Image: Contract of the contract of	UN proper shipping name	
DOT Ver vertex Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label Label	IMDG, IATA	Amines, flammable, corrosive, n.o.s. (N-isopropyleuriylenediamine) AMINES, FLAMMABLE, CORROSIVE, N.O.S. (N-isopropylethylenediamine)
Sector   Classing of the sector of the sec		
Label 431-62 Flammable liquids 3-60 Flammable liquids 3-60 Flammabl		
Label   3-8-0 3-16-0   Flammable liquids     Section   3-16-0   Flammable liquids     Section   3-16-0   3-16-0     Dort, MAG, KATA   II   IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	💛 🐳	
Class   3/fC) Flammable liquids     3/fC) Flammable liquids   3/fC) Flammable liquids     Presting group   3/fC) Flammable liquids     Presting group   3/fC) Flammable liquids     Presting group   1/fC) Flammable liquids     Presting group   1/fC) Flammable liquids     Presting group   1/fC) Flammable liquids     Special precusions for use   Warning: Flammable liquids     Maklis   Maklis     Off   0     UN "Model Regulation":   1/fC / flammable liquid     UN "Model Regulation":   1/fC / flammable liquid     Visit Sole identification   Special precision     Status correlation   Special precision     Status correlation   Special precision     Status correlation   Special precision     Special precision   Special precision     Special precision   Special precision     Special precision   Special precision </th <th></th> <th></th>		
MDG, LATA     Very   Very     Class   3 FB     Eabel   3 FB     Packing group   II     DOT, MGC, LATA   II     Porting group   Warning, Flammable liquids     Special precautions for user   Warning, Flammable liquids     Special precautions for user   Warning, Flammable liquids     Transport In bulk according to Annex II of MARPOLT3/T8 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOLT3/T8 and the IBC Code Not applicable.     Transport In bulk according to Annex II of MARPOLT3/T8 and the IBC Code Not applicable.   Transport Information:     With Temport Information:   IV   World Regulatory information:     Stepty, health and onviconmental regulations/Registation specific for the substance or mixture CHS babel elements: The product is classified and labeled in accordance with 28 CFR 1910 (OSHA HCS)     With Code Regulatory information:   Stepty, health the substance or mixture CHS babel elements: The product is classified and labeled on accordance with 28 CFR 1910 (OSHA HCS)     With Code Regulatory information:   Execution and year and yea	Class	3 (FC) Flammable liquids
Label 3+8   Pocking group DOT, MidG, IATA II   Environmental hazards: Not applicable.   Special precautions for user Warning: Flammable liquids Masle   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport Information:   DOT   State and the IBC Code Not applicable.   Transport Information   State and the Information in accordiance with 25 CFR 1910 (OSHA HCS)   Master Difference		5+0
Label 3+8   Pocking group DOT, MidG, IATA II   Environmental hazards: Not applicable.   Special precautions for user Warning: Flammable liquids Masle   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport In bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.   Transport Information:   DOT   State and the IBC Code Not applicable.   Transport Information   State and the Information in accordiance with 25 CFR 1910 (OSHA HCS)   Master Difference	🔶 🚭	
Environmental haards:   Not applicable.     Special preculsions for user   Warning: Flammable liquids     Alkalis   Transport In bulk according to Annex II of MARPOLT378 and the IBC Code Not applicable.     Transport/Additional information:   DOT     More Pollutant (DOT):   No     UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (b     Safety, health and environmental regulations/legislation specific for the substance or mixture     GHS Jabel elements   The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)     Maard pictograms   Safety, health and environmental regulations/legislation specific for the substance or mixture     GHS 20 GHS05   Signal word Danger     Haard pictograms   Safety, health with momental regulations/legislation specific for the substance or mixture     GHS 20 GHS05   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P200   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P201   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P203   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. N		
Environmental haards:   Not applicable.     Special preculsions for user   Warning: Flammable liquids     Alkalis   Transport In bulk according to Annex II of MARPOLT378 and the IBC Code Not applicable.     Transport/Additional information:   DOT     More Pollutant (DOT):   No     UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (b     Safety, health and environmental regulations/legislation specific for the substance or mixture     GHS Jabel elements   The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)     Maard pictograms   Safety, health and environmental regulations/legislation specific for the substance or mixture     GHS 20 GHS05   Signal word Danger     Haard pictograms   Safety, health with momental regulations/legislation specific for the substance or mixture     GHS 20 GHS05   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P200   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P201   Keep away from heatsparks/open flames/hot surfaces. No smoking:     P203   Signal word Danger     Haard bictograms   Keep away from heatsparks/open flames/hot surfaces. N	Packing group DOT. IMDG. IATA	
Segregation groups   Alkalis     Transport In bulk according to Annex I of MARPOLT378 and the IBC Code Not applicable.     Transport/Additional information:     DOT     Marine Pollutant (DOT):   No     UN "Model Regulatory: information     Safety, health and environmental regulations/Registation specific for the substance or mixture     GHS babel elements     The additional information     Safety, health and environmental regulations/Registation specific for the substance or mixture     GHS babel elements     Marking Safety, health and environmental regulations/Registation specific for the substance or mixture     GHS babel elements     Marking Safety, health and environmental regulations/Registation specific for the substance or mixture     GHS babel elements     Marking Safety, health and environmental regulations/Registation specific for the substance or mixture     GHS CHS CHSOS     Signal word Danger     Privator Statements     Proceutionary Statements     Protonary Statements     Proc	Environmental hazards:	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.     Transport Madditional Information:     DOT     Mether Pollutant (DOT):     No     UN "Model Regulation":     UN "Model Regulation":     UN "Status (DOT):     No     UN "Model Regulation":     UN "Model Regulation":     UN "Andel Regulation ":     UN "Model Regulation":     UN "Model Regulation ":     UN "Model Regulation":     UN "Model Regulation information     Safety, health and environmental regulations/legislation specific for the substance or mixture     Grid Statel elements The product is classified and labeled in accordance with 28 CFR 1910 (OSHA HCS)     Haard photograms     View Coll     Orgon     H24 Extrements     Product is classified and vapour.     H24 Extrements     Product is classified and vapour.     H24 Extrements     Product is classified and vapour.     H24 Extrements attements     H24 Extrements Harmon heat/space/scopen flamach/or several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.     Product is product are listed in the Classific contatiner in accordance with local/regional/natio		
DOT   No     Warder Pollutant (DOT):   UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     Stream   Stream </td <th></th> <td>ode Not applicable.</td>		ode Not applicable.
Marine Pollutant (DOT):   No     UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     UN "Model Regulation":   UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     Isoproprint   Generation     Straty, health and environmental regulations/legislation specific for the substance or mixture of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS)     Hazard pictograms   Image: Corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     W W   Image: Corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     W W W W W   Image: Corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     W W W W W   Image: Corrosive, n.o.s. (N-Isopropylethylenediamine), 3 (8     W W W W W   Image: Corrosive,	•	
II 5 Regulatory information 5 Regulatory information 5 Regulatory information 6 HS label elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Haard pictograms Composed to the state of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Haard pictograms Composed to the state of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Figure 4 Extremely flammable liquid and vapour. H244 Extremely flammable liquid and vapour. H245 Extremely flammable liquid and vapour. H245 Extremely flammable liquid and vapour. H246 Concord the state of the product are listed on the extremely flammediately all contaminated clothing. Rinse skin with water/shower. P305+P351 HS IN EVES. Rinse calculously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Bior locked up. Hatomal regulations All components of this product are listed in the Canadam Non-Domestic Substance Schuts (NDSL). SARA Section 313 (Specific toxic chemical listing) Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Prop 65 - Developmental toxicity as esuptement to other information gathered by them, and should make inde	Marine Pollutant (DOT):	
Serie ty, health and environmental regulations/legislation specific for the substance or mixture GHS 1abel elements The product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard pictograms Construction of the product is classified and labeled in accordance with 29 CFR 1910 (OSHA HCS) Hazard statements Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazard Hazar	UN "Model Regulation":	UN2733, Amines, flammable, corrosive, n.o.s. (N-Isopropyletnylenediamine), 3 (م) ال
market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for use) Substance is not listed. Chemical safety assessment: A Chemical Safety Assessment has not been carried out. <b>6 Other information</b> Employers should use this information only as a supplement to other information gathered by them, and should make independent judgement of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user. Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation	Signal word Danger     Hazard statements     H224 Extremely flammable liquid and vapour.     H314 Causes severe skin burns and eye damage.     Precautionary statements     P210   Keep away from heat/sparks/open flames/hot surfaces. Not P260     Do not breathe dust/fume/gas/mist/vapours/spray.     P303+P361+P353 If on skin (or hair): Take off immediately all contaminated or P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minute P405     Store locked up.     P501   Dispose of contents/container in accordance with local/reg     National regulations     All components of this product are listed on the C.anadian Non-Domestic Sub     SARA Section 313 (specific toxic chemical listings) Substance is not listed.     Prop 65 - Chemicals known to cause cancer Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not listed.     Prop 65 - Developmental toxicity, female Substance is not list	gional/national/international regulations. n Agency Toxic Substances Control Act Chemical substance Inventory. stances List (NDSL). ed. dividuals. <b>dividuals.</b>
	market and use must be observed. Substance is not listed. Annex XIV of the REACH Regulations (requiring Authorisation for use) S Chemical safety assessment: A Chemical Safety Assessment has not been 16 Other information Employers should use this information only as a supplement to other information information to ensure proper use and protect the health and safety of employed conformance with this Material Safety Data Sheet, or in combination with any Department issuing SDS: Global Marketing Department Date of preparation / last revision 11/24/2015 / - Abbreviations and acronyms: ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreemm IMDE: International Maritime Code for Dangerous Goods	Substance is not listed. n carried out. tion gathered by them, and should make independent judgement of suitability of this rees. This information is furnished without warranty, and any use of the product not in other product or process, is the responsibility of the user.
	DOT: US Department of Transportation	(Contd. on page USA

#### Product name: N-Isopropylethylenediamine

- IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) HMIS: Hazardous Materials Identification System (USA) WHMIS: Workplace Hazardous Materials Information System (Canada) LC50: Lethal concentration, 50 percent UD50: Lethal dose, 50 percent VPUB: very Persistent and very Bioaccumulative ACGIH: American Conference of Governmental Industrial Hygienists (USA) OSHA: Occupational Safety and Health Administration (USA) NTP: National Toxicology Program (USA) IARC: International Agency for Research on Cancer EPA: Environmental Protection Agency (USA)

(Contd. of page 4)

USA