Printing date 01.07.2013	Revision: 07.01.2005	
SECTION 1: Identification of the substa	nce/mixture and of the company/undertaking	
1.1 Product identifier		
Trade name Stock number:	Benzoic acid, ammonium salt 30753	
CAS Number:	1863-63-4	
EC number: 1.2 Relevant identified uses of the substance	217-468-9	
Identified use:	SU24 Scientific research and development	
1.3 Details of the supplier of the safety data	sheet	
Manufacturer/Supplier:	Alfa Aesar GmbH & Co.KG A Johnson Matthey Company	
	Zennelinstr. 7h	
	Tof185 Karlsruhe / Germany Tel: +49 (0) 721 84007 280 Fax: +49 (0) 721 84007 300	
	Fax: +49 (0) 721 84007 300 Email: tech@alfa.com	
	www.alfa.com	
Informing department:	Product safety Tel + +049 (0) 7275 988687-0	
1.4 Emergency telephone number:	Product safety Tel + +049 (0) 7275 988687-0 Carechem 24: +44 (o) 1235 239 670 (Multi-language emergency number) Poison Information Center Mainz	
	www.giftinfo.uni-mainz.de Telephone: +49(0)6131/19240	
SECTION 2: Hazards identification		
2.1 Classification of the substance or mixtur	e	
Classification according to Regulation (EC)	No 1272/2008	
CHS07		
Acute Tox. 4 H302 Harmful if swallowed.		
Skin Irrit. 2 H315 Causes skin irritation.		
Eye Irrit. 2 H319 Causes serious eye irritatio	n.	
Classification according to Directive 67/548/	EEC or Directive 1999/45/EC	
Xn; Harmful		
R22: Harmful if swallowed.		
🗙 Xi; Irritant		
R36/38: Irritating to eyes and skin. Information concerning particular hazards		
for human and environment:	Not applicable	
Other hazards that do not result in classification	No information known.	
2.2 Label elements		
Labelling according to Regulation (EC) No		
1272/2008 Hazard pictograms	The substance is classified and labelled according to the CLP regulation. GHS07	
Signal word	Warning H302 Harmful if swallowed.	
Hazard statements	H302 Harmful if swallowed. H315 Causes skin irritation.	
Dressutioners statements	H310 Causes serious eve irritation	
Precautionary statements	P280 Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352 IF ON SKIN: Wash with plenty of soap and water.	
	present and easy to do. Continue rinsing.	
	P321 Specific treatment (see on this label).	
	P362 Take off contaminated clothing and wash before reuse. P501 Dispose of contents/container in accordance with local/regional/national/international	
2.3 Other hazards	regulations.	
Results of PBT and vPvB assessment		
PBT: vPvB:	Not applicable. Not applicable.	
SECTION 3: Composition/information of	on ingreaients	
3.1 Substances CAS# Designation:	1863-63-4 Benzoic acid, ammonium salt	
Identification number(s):		
EC number:	217-468-9	
SECTION 4: First aid measures		
4.1 Description of first aid measures After inhalation	Our shafes the start for each of a set that the start of the	
After inhalation	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.	
After skin contact	Seek immediate medical advice.	
	Instantly wash with water and soap and rinse thoroughly. Seek immediate medical advice.	
After eye contact After swallowing	Rinse opened eye for several minutes under running water. Then consult doctor. Seek medical treatment.	
4.2 Most important symptoms and effects,		
both acute and delayed 4.3 Indication of any immediate medical	No further relevant information available.	
attention and special treatment needed	No further relevant information available.	
SECTION 5: Firefighting measures		
5.1 Extinguishing media		
Suitable extinguishing agents 5.2 Special hazards arising from the	CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.	
substance or mixture	If this product is involved in a fire, the following can be released:	
	Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)	
5.3 Advice for firefighters	Ammonia	
Protective equipment:	Wear self-contained breathing apparatus.	
	Wear full protective suit.	
	(Contd. on page 2)	

Trade name Benzoic acid, ammonium salt

SECTION 6: Accidental release measur	res
6.1 Personal precautions, protective	
equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions:	Ensure adequate ventilation Do not allow material to be released to the environment without proper governmental permits.
0.2 Environmental precautions.	Do not allow product to reach sewage system or water bodies. Do not allow to enter the ground/soil.
6.2 Mothedo and material for containment	Do not allow to enter the ground/soil.
6.3 Methods and material for containment and cleaning up:	Dispose of contaminated material as waste according to item 13.
Prevention of secondary hazards:	No special measures required
6.4 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 information on disposal.
SECTION 7: Handling and storage	
7.1 Precautions for safe handling	Keep containers tightly sealed. Store in cool, dry place in tightly closed containers.
	Ensure good ventilation/exhaustion at the workplace.
Information about protection against	
explosions and fires:	No information known.
7.2 Conditions for safe storage, including an Storage	ny incompatibilities
Requirements to be met by storerooms and	
containers: Information about storage in one common	No special requirements.
storage facility:	No information known.
Further information about storage	Keen container tighthu cooled
conditions:	Keep container tightly sealed. Store in cool, dry conditions in well sealed containers.
7.3 Specific end use(s)	No further relevant information available.
SECTION & Exposure controls/person	al protoction
SECTION 8: Exposure controls/person	
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.
8.1 Control parameters	
Components with critical values that require	e Not required.
monitoring at the workplace: Additional information:	No data
8.2 Exposure controls	
Personal protective equipment	
General protective and hygienic measures	The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food.
	Instantly remove any solied and impregnated garments. Wash hands during breaks and at the end of the work.
	Wash hands during breaks and at the end of the work.
	Avoid contact with the eyes and skin. Maintain an ergonomically appropriate working environment. Use breathing protection with high concentrations.
Breathing equipment:	Use breathing protection with high concentrations.
Protection of hands:	Check protective gloves prior to each use for their proper condition. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality
	and varies from manufacturer to manufacturer.
Material of gloves Penetration time of glove material	Impervious gloves Not determined
Eye protection:	Safety glasses
Body protection:	Face protection Protective work clothing.
Body protection.	
SECTION 9: Physical and chemical pro	perties
9.1 Information on basic physical and chem	ical properties
General Information Appearance:	
Form:	Crystalline
Colour: Smell:	Off-white Not determined
Odour threshold:	Not determined.
pH-value:	Not applicable.
Change in condition	
Melting point/Melting range:	192-198 °C ((dec))
Boiling point/Boiling range: Sublimation temperature / start:	Not determined
Flash point:	110 °C
Inflammability (solid, gaseous)	Not determined.
Ignition temperature: Decomposition temperature:	Not determined Not determined
Self-inflammability:	Not determined.
Danger of explosion:	Product is not explosive.
Critical values for explosion: Lower:	Not determined
Upper:	Not determined
Steam pressure:	Not applicable.
Density at 20 °C Relative density	1,26 ġ/cm ³ Not determined.
Vapour density	Not applicable.
Evaporation ráte Solubility in / Miscibility with	Not applicable.
Water at 0 °C:	196 g/l
Partition coefficient (n-octanol/water): Viscosity:	Not determined.
dynamic:	Not applicable.
kinematic:	Not applicable.
	(Contd. on page 3) DE/E

Revision: 07.01.2005

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Revision: 07.01.2005

2 2 Other Information No buther relevant Information available SECTION 15: Stability and reactivity In Exectivity Section Provide a main and the section of the information available SECTION 15: Stability and reactivity In Exectivity Section Provide a main and the section of the information available SECTION 15: Stability and reactivity In Exectivity Section Provide a main and the section of the section of the information available SECTION 15: Toxicological information Section Provide and and the section of the	irade name Benzoic acid, ammonium sal		
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10.6 Hazardous decomposition products Environment network, caubon dixide Hitter Products (NOX) Ammona SECTION 11: Toxicological information Hamforia 11.1 Information on toxicological effects Hamforia 12.0 Horizontation on toxicological effects Horizontation 11.1 Information on toxicological effects Horizontation 12.1 Information on toxicological effects Horizontation 2.2 Productive toxicity: No data 2.3 Productive toxicity: No data 2.4 Carcinogenicity: No data 2.5 Productive toxicity: No data 2.6 Productive toxicity: No data 2.6 Productive toxicity: No data 2.7 Productive toxicity: No data 2.7 Productive toxicity: No data 2.8 Productive toxicity: No	10.3 Possibility of hazardous reactions 10.5 Incompatible materials:	No dangerous reactions known	
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(Contd. on page	Substances of very high concern (SVHC)	Substance is not listed.	
		(Contd. on page 4 DE/E	

Revision: 07.01.2005

Trade name Benzoic acid, ammonium salt

REACH - Pre-registered substances 15.2 Chemical safety assessment:	Substance is listed. (Contd. of page 3) A Chemical Safety Assessment has not been carried out.
Department issuing data specification sheet: Abbreviations and acronyms:	ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDC: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Societv)
	LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent DE/E