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HOBART HYGIENE TABS INTENSIVE

COMPOSITION / INFORMATION ON INGREDIENTS

Mixture:

Chemical name:	CAS No:/EC No:	%	Index No:	symbol	R-phrases
Sulphamidic acid	5329-14-6/ 226-218-8	> = 25	016-026-00-0	Xi	R36/38, R52/53
Silicic acid, sodium salt	1344-09-8 215-687-4	> = 5		Xi	R36/37/38
Fatty alcohol ethoxylate		< 5		Xi	R36

The full text for all R-phrases is displayed in Other Information.

HAZARDS IDENTIFICATION

Classification of the substance or mixture – This mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applied.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended.

Classification: XI, R36/38, R52/53.

The full text for all R-phrases is displayed in Section Other Information.

Hazard summary

Health hazards – Irritating to eyes and skin

Environmental hazards – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Main symptoms – Irritating to eyes and skin. Irritating to mouth, throat and stomach.

Label elements

Label according to Directive 67/548/EEC or 1999/45/EC as amended



Irritant

R-phrases

R35/38 – Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases

S24/25 – Avoid contact with skin and eyes.

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S60 – This material and its container must be disposed of as hazardous waste.

FIRST AID MEASURES

General information: Ensure that medical personnel are aware of the materials involved and take precautions to protect themselves.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Skin contact: Wash off immediately with plenty of water. Get medical attention if irritation develops and persists.

Eye contact: Flush eyes immediately with large amounts of water. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth thoroughly. Do not induce vomiting without medical advice.

Most important symptoms and effects, both acute and delayed: Irritant effects.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water spray, Carbon dioxide (CO2), Powder.

Unsuitable extinguishing media: Do not use water jet.

Hazardous combustion products: Carbon monoxide. Carbon dioxide (CO2). Sulphur oxides. Ammonia. Nitrogen Oxides (NOx).

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA.

Special firefighting procedures: Move containers from fire area if you can do so without risk. Prevent fire extinguishing water from contaminating surface water or the ground water system.

ACCIDENTAL RELEASE MEASURES

For non-emergency personnel: Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

For emergency responders: Keep unnecessary personnel away. Use personal protection recommended in Personal Protection.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground

Methods and material for containment and cleaning up: Collect spillage. Following product recovery, flush area with water. For waste disposal, see Disposal Considerations.

HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Wash hands thoroughly after handling.

Conditions for safe storage: Store in original tightly closed container. Use care in handling/storage. Keep separated from foodstuff, acids and bases. Store in accordance with local/regional/national/international regulations.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommended monitoring procedures: Follow standard monitoring procedures.

Appropriate engineering controls: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment:

Respiratory protection: No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: Use protective gloves made of: Butyl rubber. Nitrile rubber. (EN374) Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Avoid contact with the skin. Wear chemical protective equipment that is specifically recommended by the manufacturer. Wear protective gloves.

Eye/face protection: Wear eye/face protection. (EN 166)

Hygiene measures: Wash hands after handling.

Environmental exposure controls: Environmental manager must be informed of all major releases.

PHYSICAL AND CHEMICAL PROPERTIES.

Physical state:

Colour:

Odour:

pH

Melting point/freezing point:

Density:

Solubility in water

solid

white

odourless

2 (2g/l)

> 150

1.7g/cm³ @ 20°C

Miscible (@20°C)

STABILITY AND REACTIVITY

Chemical stability: Material is stable under normal conditions.

Conditions to avoid: Temperatures above 200°C. Do not mix with other chemicals

Incompatible materials: Strong bases. Strong oxidising substances

Hazardous decomposition products: Nitrogen oxides (NOx). Sulphur oxides. Ammonia..

TOXICOLOGICAL INFORMATION

Information of likely routes of exposure:

Skin contact: Irritating to skin

Eye contact: Irritating to eyes.

Information on toxicological effects:

Skin corrosion/irritation: Irritating to skin.

Serious eye damage/eye irritation: Irritating to eyes.

ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic organisms, may cause long-term effects in the aquatic environment.

Toxicity: SULPHAMIDIC ACID (5329-14-6), LC50 Fathead minnow (pimephales promelas): 14.2mg/l 96 h

DISPOSAL CONSIDERATIONS

Residual waste: Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

EU Waste Code: European Waste Catalogue (EWC) code: 060199

TRANSPORT INFORMATION.

Road- transport:	ADR/RID/GGVs/GGVE:	class 8	Packing code: III
	UN-Nr.:	2967	
	Designation of goods:	sulphamic acid mixture	Tunnel restriction code E
	Labels required	8	
Transport by sea:	GGVSea:	class 8	Packing group III
	UN-Nr.:	2967	EmS No: F-A, S-B
	Designation of goods:	sulphamic acid mixture	
Transport by air:	ICAO/IATA:	class 8	Packing group III
	UN-Nr.:	2967	ERG Code 8L
	Designation of goods:	sulphamic acid mixture	

The information contained in this Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety Legislation.

REGULATORY INFORMATION

The product is classified and labelled in accordance with EC directives or respective national law. This Safety Data Sheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment: No Chemical Safety Assessment has been carried out.

OTHER INFORMATION:

Wording of the R-Phrases in Hazards Identification and Composition/Information on Ingredients

R36: Irritating to eyes

R36/38: Irritating to eyes and skin

R36/37/38: Irritating to eyes, respiratory system and skin

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information in the sheet was written based on the best knowledge and experience currently available.

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