

MATERIAL SAFETY DATA SHEET

Section 1 IDENTIFICATION OF THE MATERIAL AND SUPPLIER

COMPANY	Delshine Chemicals
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EMAIL	delshine-chemicals@bigpond.com
WEB SITE	www.delshinechemicals.com
BRAND NAME	Sani hands
TRADE NAME	
SHIPPING NAME (section 14)	Flammable Liquid NOS
USE	Antibacterial hand Gel
RESTRICTIONS	

Section 2 HAZARDS CLASSIFICATION / IDENTIFICATION

Classified as hazardous according to criteria of Work safe Australia dangerous according to the criteria of the ADG code.

Symbols	Xi	Irritant
Risk Phases	R11 R20/22 R36	Highly Flammable Harmful by inhalation and if swallowed Irritating to eyes
Safety Phases	S1/2 S7 S16 S23 S25 S33 S45	Keep locked up and out of reach of children Keep container tightly closed Keep away from sources of ignition – no smoking Do not breathe vapour / mist Avoid contact with eyes Take precautionary measures against static discharge In case of accident or if you feel unwell seek medical advice show label whenever possible

Section 3 COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Ethanol	64-17-5	>60 %

Section 4 FIRST AID MEASURES

Poison Information Centres in each state capital city can provide additional assistance for scheduled poisons Ring 131126

Ingestion – Immediately rinse mouth with water, give water to drink Do not induce vomiting. If vomiting occurs place victims face downwards , head lower than hips to prevent entering the lungs. Seek immediate medical assistance.

Eye Contact – Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open . Seek medical assistance if irritation persists.

Skin Contact Not required

Inhalation – Remove victim from exposure avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. For all but the most minor symptoms arrange for patient to be seen by doctor as soon as possible, either on site or nearest hospital.

Note to physician . If swallowed treat symptomatically as for excessive consumption of alcoholic drink

First Aid Facilities: Ensure an eye bath and safety shower are available and ready for use.

Section 5 FIRE FIGHTING MEASURES

Specific Hazards – flammable

Fire fighting further advice – fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or product combustion.

Suitable extinguishing media – Water fog or if unavailable fine water spray , foam , dry agent (carbon dioxide dry chemical powder)

Section 6 ACCIDENTAL RELEASE MEASURES

Contain using sand and soil – prevent runoff into drains and waterways. Use absorbent soil or sand inert material vermiculite .Collect and seal in properly labeled containers for disposal

Section 7 HANDLING AND STORAGE

Storage – As for class 3 flammable goods. Store in cool ventilated area away from ignition sources.

Handling – No special requirements

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational exposure limits

No value assigned for this specific material by the national Occupational Health and Safety Commission. (Work Safe) However exposure standards for constituent : ethanol , recommended by NOHSC is 1000ppm (1880mg/m3) TWA.

Engineering Measures: remove all ignition sources

Person Protection Equipment : No special requirements

Section 9 PHYSICAL & CHEMICAL PROPERTIES

Appearance clear blue liquid

REAL VAPOUR DENSITY not determined

BOILING POINT °C not determined

FREEZING POINT °

SPECIFIC GRAVITY 0.86

SOLUBILITY IN WATER 100%

FLAMMABILITY LIMITS not applicable

SUBLIMATION POINT not determined

VISCOSITY not determined

VAPOUR PRESSURE Not determined

FLASH POINT not determined

AUTO IGNITION TEMP not applicable

PERCENT VOLATILES

DECOMP POINT © not determined

ph 6-7

EVAPORATION RATE not determined

Section 10 STABILITY & REACTIVITY

Chemical Stability - Stable under normal conditions of use

Conditions to Avoid –

Incompatible Materials – Strong oxidizing agents

Hazardous Decomposition Products –

Section 11 TOXICOLOGICAL INFORMATION

Main Symptoms – No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Symptoms that may arise if the product is mishandled are-

Acute – Ingestion : Swallowing may cause harm to the central nervous system, effects including headaches dizziness blurred vision coma and respiratory arrest.

Eye Contact : may irritate and damage eyes

Skin Contact : may irritate sensitive or broken skin

Inhalation : May irritate respiratory tract and mucous membranes . may result in headache and nausea.

Chronic : Chronic intoxication by swallowing or repeated inhalation may cause degenerative changes to liver , kidney , hair , gastrointestinal tract and heart muscle.

Toxicity data : No data available for Sani Hands

For major component ethanol – Oral LD50 (rat) 7060gm/kg inhalation LC50(rat)38mg/I/10h

Section 12 ECOLOGICAL INFORMATION

Ecotoxicity

Fish Expected to be harmful

Aquatic Invertebrates Expected to be harmful

Algae Expected to be toxic

Microorganisms Expected to be harmful

Mobility Miscible with water

Persistence / degradability Biodegradable

Section 13 DISPOSAL CONSIDERATIONS

Disposal Methods – Ensure waste disposal conforms to local waste disposal regulations.

Section 14 TRANSPORT INFORMATION

Number	1993	Proper Shipping Name	flammable liquid NOS
Class	3	Subsidiary Risk	None allocated
Packaging Group	111	Hazchem Code	2 { Y }

Section 15 REGULATORY INFORMATION

HAZARDOUS CATEGORY - IRRITANT

Section 16 OTHER INFORMATION

DATE OF LAST REVISION OF MATERIAL SAFETY DATA SHEET
25TH February 2016

CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222

AUTHORISATION FOR ISSUE _____ DATE ____/____/____
Les Buss

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