
2022.08.31

Material Safety Date Sheet

SECTION 1:

Identification of the product and the company/undertaking

Product Name: Alcohol Disinfectant

Product Details:

Proper shipping name: FLAMMABLE LIQUIDS, N.O.S.

Application of the substance/the preparation: antibacterial

Manufacturer/supplier:

[REDACTED]

[REDACTED]

[REDACTED] China

[REDACTED]

[REDACTED]

[REDACTED]

Information in case of emergency:

Emergency contact number in the US to answered24/7:

CHEMTREC (800)424-9300

SECTION 2:

Hazards identification

Classification of the product

Classification according to Directive 1999/45/EC(DPD)

Risk codes: R10

Risk phrase: Flammable

Other adverse physico-chemical, human health and environmental effects: None

Label elements

Labelling according to Directive 1999/45/EC

Symbol:

No symbol

Indication(s) of danger:

Flammable

Safety advice:

S15: Keep away from heat.

S16: Keep away from sources of ignition - No smoking.

S17: Keep away from combustible material.

S21: When using do not smoke

S57: Use appropriate container to avoid environmental contamination.

S61: Avoid release to the environment. Refer to special instructions/Safety data sheets

Other hazards: None

SECTION 3:

Composition/information on ingredients

All product ingredients are listed below

Active Ingredient:

Name	CAS#	%By Volume	Exposure Limits
Alcohol	64-17-5	76.9~81.4	Not available

Inactive Ingredients: Water, Glycerin, Orthophosphoric acid, Distilled Glycerin Monstearate

SECTION 4:**First aid measures****Description of first aid measures**

Inhalation: Move victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Immediately wash with plenty of soap and water. Get medical attention if irritation occurs.

Eye contact: Immediately flush eyes with running water for at least 20 minutes holding eyelids open. Get medical attention.

Ingestion: Do not induce vomiting. Give 1-2 glasses of water to a conscious victim. Never give anything by mouth to an unconscious victim. Get medical attention

Most important symptoms and effects, both acute and delayed**Inhaled:**

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by E C Directives using animal models).Nevertheless, good hygiene practice requires that exposure be

kept to a minimum and that suitable control measures be used in an occupational setting.

Ingestion:

Although ingestion is not thought to produce harmful effects (as classified under E C Directives), the material may still be damaging to the health of the individual, following ingestion, especially where pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health).

Skin Contact:

The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.

Eye:

Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic:

Long-term exposure to the product is not thought to produce chronic effects adverse to health (as classified by EC Directives using animal

models); nevertheless exposure by all routes should be minimised as a matter of course.

Indication of any immediate medical attention and special treatment needed

Get medical attention and treat symptomatically.

SECTION 5:

Firefighting measures

Extinguishing media

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂).

Special hazards arising from the product

No data available

Advice for firefighters

Alert Fire Brigade and tell them location and nature of hazard.

Wear breathing apparatus plus protective gloves.

Prevent, by any means available, spillage from entering drains or water courses.

Use water delivered as a fine spray to control fire and cool adjacent area.

DO NOT approach containers suspected to be hot.

Cool fire exposed containers with water spray from a protected location.

Only when safe to do so, remove containers from path of fire.

SECTION 6:

Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Wear chemical goggles and chemical resistant gloves.

For emergency responders

Wear breathing apparatus plus protective gloves. Remove ignition sources and provision of sufficient ventilation, evacuate the danger area and consult experts.

Environmental precautions

Take precautions to prevent entry into waterways, sewers, or surface drainage systems. Dispose according to local or international regulations.

Methods and material for containment and cleaning up

Use appropriate tools to put the spilled chemicals in suitable container for recovery or disposal

Reference to other sections

Refer to Section 8 for Personal Protective Equipment advice.

SECTION 7:

Handling and storage

Precautions for safe handling

Do not handle until all safety precautions have been read and understood.

Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage conditions: pet bottle. Refer to section 10.

Storage incompatibility: Avoid reaction with strong acid, alkali and oxidizing agents.

Specific end use(s)

Apart from the uses mentioned in section 1.2, no other specific uses are stipulated.

SECTION 8:

Exposure controls/personal protection

Engineering Controls: Good general ventilation should be sufficient to control airborne levels.

Personal Protection:

Eyes: Avoid Contact with eyes

Body: No special protective clothing is required.

Respiratory: A respirator is not needed under normal and intended conditions of product use.

Hands: No special recommendations.

Exposure Limits: Ethanol

TWA: 1000 (ppm) from ACGIH (TLV) TWA: 1880 (mg/m³) from ACGIH (TLV)

TWA: 1000 (ppm) from OSHA (PEL) TWA: 1900 (mg/m³) from OSHA (PEL)

Consult local authorities for acceptable exposure limits

SECTION 9:

Physical and chemical properties

Physical State and Appearance: Liquid

Molecular Weight: Not applicable.

pH: Not applicable

Boiling/Condensation Point: 78°C

Flash point: 23°C

Melting/Freezing Point: Not available.

Critical Temperature: Not available.

Instability Temperature: Not available.

Specific Gravity: 0.86(Water = 1)

Vapor Pressure: Not available.

Vapor Density: Not available.

Evaporation Rate: >1 compared to Water

Dispersion Properties: Not available.

Solubility: Not available.

The Product is: Flammable

Auto-ignition Temperature: Not available.

Flammable Limits: Not available.

Fire Hazards in Presence of Various Substances Not available.

Explosion Hazards in Presence of Various Substances: Drums Heated By

Fire Can explode

SECTION 10:

Stability and reactivity

Reactivity

May react with strong acid, alkali, oxidizing agents and incompatible materials.

Chemical stability

Product is considered stable during storage and transporation under normal condition.

Possibility of hazardous reactions

Hazardous reactions may occur if contact with incompatible material.

Conditions to avoid

High temperature, ignition sources (sparks, flames, static), incompatible materials.

Incompatible materials

Strong acid, alkali and oxidizing agents

Hazardous decomposition products

On combustion or thermal decomposition, may emit toxic fumes.

SECTION 11:

Toxicological information

Information on toxicological effects

No data available for the mixture.

SECTION 12:

Ecological information

Aquatic toxicity

No data available for the mixture.

Persistence and degradability

Biodegradation: No data available

Abiotic degradation: No data available

Bioaccumulative potential

Bioconcentration factor (BCF): No data available

Mobility in soil

Distribution to environmental compartments: No data available

Adsorption/Desorption: No data available

Results of PBT and vPvB assessment

No data available.

Other adverse effects

No data available

SECTION 13:

Disposal considerations

Waste treatment methods

Product disposal: refer to specific national regulation.

Contaminated packaging: contaminated, empty containers must be disposed of as chemical waste.

SECTION 14:

Transport information

Based on available information, the product is not considered as dangerous goods and the UN recommendation on the transport of dangerous goods does not necessarily apply, however, it is highly recommended to get professional advice for appropriate transport.

Label required



Transport information

UN Number:1993

Shipping name: FLAMMABLE LIQUID.N.O. S

Road (ADR):3

Rail (RID) :3

Air (ICAO/IATA) :3

Sea (IMO/IMDG) :3

ADR-Packing Group: III

Environmental Pollutant: None

Marine pollutant: None

Special Precautions for User: None

Transport in bulk according to Annex II of MARPOL 73 / 78 and the IBC code

No data available

SECTION 15:

Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

This safety data sheet is in compliance with the following EU legislation and its adaptations - as far as applicable - 67/548/EEC, 1999/45/EC, Regulation (EC) No 1272/2008, Regulation (EC) No 1907/2006, 98/24/EC, 92/85/EEC, 94/33/EC, 91/689/EEC and 1999/13/EC.

International/national regulations

UN recommendation on the transport of dangerous goods

Regulation for ingredients

None

Chemical safety assessment

No chemical safety assessment report was provided for this safety data sheet compilation.

SECTION 16:

Other information

16.1 Key literature references and sources for data

- ESIS (European chemical Substances Information System),

<http://esis.jrc.ec.europa.eu/>

- Information on Chemicals in ECHA website,

<http://echa.europa.eu/information-on-chemicals>

- IFA GESTIS - International limit values for chemical agents -

Occupational exposure limits (OELs),

http://www.dguv.de/ifa/en/gestis/limit_values/index.jsp

List of relevant hazard statements and risk phrases

R phrase: R11: Highly flammable.

R36/38: Irritating to eyes and skin.

H phrase: H225: Highly flammable liquid and vapor.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Other

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

For detailed advice on Personal Protective Equipment, refer to the following EUCEN Standards:

EN 16 Personal eye-protection

EN 340 Protective clothing

EN 374 Protective gloves against chemicals and micro-organisms

EN 13832 Footwear protecting against chemicals

EN 133 Respiratory protective devices

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