

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Material name : Skin Disinfectant Trigger
Product code :

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Skin Sanitiser

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Jason Group Ltd.,
Unit G Sheriff House
Nantwich Road
Middlewich
Cheshire
CW10 0LH

Tel. : 01606 836897
Fax. : 01606 841610

Email (for SDSs) : info@thejasongroup.com

1.4 Emergency tel. no. : 01606 836897 (Office hours)



Specialists in Veterinary
Laboratory Supplies

Supplied By: Vetlab Supplies Ltd
Tel: 01798 874667
Email: info@vetlabsupplies.co.uk

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Flam.Liquid 2

2.2 Label elements

Labelling according to EC Directives: 1272/2008/EC:

Signal word: Danger

Pictogram(s):



H-Statements: H225 Highly flammable liquid and vapour

P-Statements: P210 Keep away from heat/sparks/open flames/hot surfaces – No smoking.
P233 Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/national regulations.

SAFETY DATA SHEET

Page 2 of 7
Issued: 28/05/2015; Revision No.1
Regulation (EC) No. 453/2010

2.3 Other hazards

No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components

Chemical Name	CAS No./ EC No./ Reg. No	Classification (1272/2008/EC)	Content
ETHANOL	64-17-5 200-578-6 01-2119457610-43	Flam.Liq.2; H225	60-70%

See Section 16 for the full text of the H-statements noted above.

(1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation).

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

Skin contact: Not applicable – product is for use on skin.

Eye contact: Rinse with water for 10 minutes and seek medical advice if irritation persists.

Ingestion: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

Inhalation: Inhalation of high levels of vapour may cause CNS depression and narcosis. Remove to fresh air, give oxygen or artificial respiration and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

High levels of vapour may cause irritation to eyes, nose or throat.

4.3 Indication of any immediate medical attention and special treatment needed

See inhalation information above.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

5.3 Advice for fire-fighters:

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool unopened containers.
Do not allow fire run-off to enter drains.

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

6.2 Environmental precautions

Prevent product from entering drains. If product enters waterways, inform relevant authorities.

6.3 Methods and materials for containment and cleaning up

Wipe up any liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with eyes. Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Protect from frost, heat and sunlight. Incompatible with oxidising agents. Keep away from food, drink and animal feed.

7.3 Specific end use(s)

No information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters**

Chemical name	8hr TWA	15min STEL	Comment	Reference
Ethanol	1920 mg/m ³ /1000ppm	-	EH40/2005	EH40/2005

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal protective equipment

Respiratory protection: Unlikely to be necessary in normal circumstances.

Hand protection: Not applicable.

Eye protection: Unlikely to be necessary in normal circumstances.

Skin and body protection: Not applicable.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

Environmental exposure controls: Do not discharge into drains or rivers.

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

State and colour	Clear Pink liquid
Odour	Alcoholic
Odour Threshold	No data available
Flammability	Highly Flammable
Flash point	21°C
Lower explosion limit	3.5%
Upper explosion limit	19.0%
Explosive properties	Not explosive
Thermal decomposition	No data available
Auto-ignition temperature	>220°C
Oxidising properties	Non-oxidising
Solubility in water	Soluble
Solubility in other solvents	Alcohols
pH	Neutral
Melting point/range	No data available
Boiling point/range	78°C
Relative density	0.81 g/cm ³ @ 20°C
Vapour pressure	No data available
Vapour density	No data available
Partition coefficient: n-octanol/water	No data available
Viscosity (kinematic)	No data available
Evaporation rate	No data available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** Generally non-reactive. May partially oxidise on contact with air.
- 10.2 Chemical stability** Stable under normal conditions.
- 10.3 Possibility of hazardous reactions** None if stored and used as directed.
- 10.4 Conditions to avoid** Naked flames, ignition sources.
- 10.5 Incompatible materials** Strong oxidising agents.
- 10.6 Hazardous decomposition products** Oxides of carbon.

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

Chemical name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Ethanol	>10470 mg/Kg (Rat)	>20mg/l (Mouse) 4h	>15800 mg/Kg (Rat)

- Skin corrosion/irritation:** Not classed as a skin irritant.
- Serious eye damage/eye irritation:** Slightly irritating to eyes.
- Respiratory or skin sensitisation:** Not classed as a respiratory or skin sensitizer.
- Repeated dose toxicity:** No data available.
- Carcinogenicity:** Not carcinogenic.
- Mutagenicity:** Not mutagenic.
- Toxicity for reproduction:** Not toxic for reproduction.
- Specific target organ toxicity (STOT):** High vapour concentrations may cause central nervous system depression resulting in headaches, nausea and dizziness, continued inhalation may result in unconsciousness or even death.
- Further information** Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

SAFETY DATA SHEET

Page 6 of 7
Issued: 28/05/2015; Revision No.1
Regulation (EC) No. 453/2010

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Ethanol	Daphnia	EC50 48h	12.34 mg/l
	Golden Orfe	LC50 48h	>100 mg/l
	Algae	EC50 48h	>100 mg/l

12.2 Persistence and degradability Inherently biodegradable. The volatile constituents will oxidise rapidly by photochemical reactions in air.

12.3 Bioaccumulative potential Low bioaccumulation potential.

12.4 Mobility in soil Soluble in water. Large volumes may penetrate soil and contaminate ground water.

12.5 Results of PBT and vPvB assessment Contains no PBT or vPvB substances.

12.6 Other adverse effects None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations: Dispose of contents and container to appropriate waste site or reclaimer in accordance with local and national regulations. Do not dispose of waste into sewer.
Do not dispose of together with household waste. Contact licensed waste disposal company.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not burn or use a cutting torch on the empty container.

14. TRANSPORT INFORMATION

14.1 UN number ADR/RID/ADN; IMDG; ICAO: 1170

14.2 UN proper shipping name: ETHANOL OR ETHANOL SOLUTION

14.3 Transport hazard class(es) : 3

14.4 Packing Group: II

14.5 Environment hazards Marine Pollutant: No

14.6 Special precautions for user: EMS: F-E, S-D

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable.

15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Volatile Organic Compounds (VOC) content: 810 g/l. (Directive 1999/13/EC)

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No.453/2010.

Full text of H-statements referred to under sections 2 and 3

H225 Highly flammable liquid and vapour.

Abbreviations and acronyms

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.

STOT: Single Target Organ Toxicity (Section 3 and 11).

TWA: Time-weighted average. (Section 8).

STEL: Short-term exposure limit. (Section 8).

DNEL: Derived no effect level – a level above which humans should not be exposed. (Section 8).

EC50: Effective Concentration, 50 percent. (Section 12).

LC50: Lethal Concentration, 50 percent. (Section 11/12).

LD50: Lethal Dose, 50 percent. (Section 11).

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page]