



## SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

### 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Product Name	Formulators Alcohol
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	Not known.
Uses Advised Against	Not known.

#### 1.3 Details of the supplier of the safety data sheet

##### Supplier

Company Identification	SS Oils Ltd
Address of Supplier	3 Bridgegate Way Eccleshill Bradford
Postal code	BD10 8BD
Telephone:	07389494822
Fax	Not known.
E-mail	ssoilsltd@outlook.com
Office hours	Wednesday - Sunday (8.00 - 18.00)

#### 1.4 Emergency telephone number

Emergency Phone No.	+44(0) 7398494822
Contact	SS Oils Ltd

#### National response center

Address	National Poisons Information Service (Birmingham Centre) City Hospital Dudley Road, Birmingham, United Kingdom
Emergency Phone No.	+00 448 706 006 266 NHS Direct - 0845 4647 or 111

### 2. SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Eye Irrit. 2 : Causes serious eye irritation. Flam. Liq. 2 : Highly flammable liquid and vapour. STOT SE 3 : May cause drowsiness or dizziness.
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### 2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)

Product Name

Formulators Alcohol

Hazard Pictogram(s)



GHS02

GHS07

Signal Word(s)

Danger

Hazard Statement(s)

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Precautionary Statement(s)

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P243: Take precautionary measures against static discharge.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P370+P378: In case of fire: Use water to extinguish.

P403+P235: Store in a well-ventilated place. Keep cool.

P501: Dispose of contents in accordance with local, state or national legislation.

### 2.3 Other hazards

None known.

### 2.4 Additional Information

For full text of H/P Statements see section 16.

## 3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable.

### 3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
ethanol ethyl alcohol	64-17-5	200-578-6	50-80	Flam. Liq. 2 H225	GHS02
propan-2-ol isopropyl alcohol isopropanol	67-63-0	200-661-7	10-20	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

## 4. SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.



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Skin Contact	Take off immediately all contaminated clothing. Rinse skin with water/shower.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Treat symptomatically.

### 4.2 Most important symptoms and effects, both acute and delayed

May cause irritation.

### 4.3 Indication of any immediate medical attention and special treatment needed

Call a POISON CENTER/doctor if you feel unwell. Treat symptomatically.

## 5. SECTION 5: FIREFIGHTING MEASURES

### 5.1 Extinguishing media

Suitable Extinguishing media	As appropriate for surrounding fire.
Unsuitable extinguishing media	Water jet spray

### 5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour. May decompose in a fire, giving off toxic and irritant vapours.

### 5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus. If it is safe to do so, containers should be removed from fire area because they are likely to rupture under fire conditions.

## 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure full personal protection (including respiratory protection) during removal of spillages.

### 6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

### 6.3 Methods and material for containment and cleaning up

Absorb spillages onto sand, earth or any suitable adsorbent material. Use vacuum equipment for collecting spilt materials, where practicable. Containers must not be punctured or destroyed by burning, even when empty.

### 6.4 Reference to other sections

See Also Section 8, 13.

## 7. SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.



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### 7.2 Conditions for safe storage, including any incompatibilities

	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Keep cool.
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

### 7.3 Specific end use(s)

Not known.

## 8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational Exposure Limits

Occupational Exposure Limits						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Ethanol	64-17-5	1000	1920			
Propan-2-ol	67-63-0	400	999	500	1250	

Remark Footnote

### 8.2 Exposure controls

8.2.1. Appropriate engineering controls Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Ensure adequate ventilation. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment



Eye Protection

Wear eye protection with side protection (EN166).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374).



Respiratory protection

Normally no personal respiratory protection is necessary.

Thermal hazards None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

## 9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	Liquid. Colour : Clear. Colourless
Odour	Alcohol-like.
Odour threshold	Not known.
pH	= 7.



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Melting point/freezing point	Not known.
Initial boiling point and boiling range	78 °C
Flash Point	17 °C
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	<1.0
Solubility(ies)	Solubility (Water) : Not known. Solubility (Other) : Not known.
Partition coefficient: n-octanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

### 9.2 Other information

None.

## 10. SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

None anticipated.

### 10.2 Chemical Stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.

### 10.4 Conditions to avoid

Avoid friction, sparks, or other means of ignition.

### 10.5 Incompatible materials

Not known.

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## 11. SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

Acute toxicity - Ingestion	Not classified.
Acute toxicity - Skin Contact	Not classified.
Acute toxicity - Inhalation	Not classified.



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Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Calculation method : Causes serious eye irritation.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT - single exposure	Calculation method : May cause drowsiness or dizziness.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

### 11.2 Other information

Not known.

## 12. SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Toxicity - Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity - Fish	Low toxicity to fish.
Toxicity - Algae	Low toxicity to algae.
Toxicity - Sediment Compartment	Not classified.
Toxicity - Terrestrial Compartment	Not classified.

### 12.2 Persistence and Degradation

Not known.

### 12.3 Bioaccumulative potential

Not known.

### 12.4 Mobility in soil

Not known.

### 12.5 Results of PBT and vPvB assessment

Not known.

### 12.6 Other adverse effects

Not known.

## 13. SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. Containers must not be punctured or destroyed by burning, even when empty. Do not allow to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via incineration operated by an accredited disposal contractor. Send to a licensed recycler, reclaimer or incinerator.

### 13.2 Additional Information



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Disposal should be in accordance with local, state or national legislation.

### 14. SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

UN No. 1170

#### 14.2 UN proper shipping name

UN proper shipping name ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

#### 14.3 Transport hazard class(es)

ADR/RID Class 3  
IMDG Class 3  
IMDG EMS Not available

#### ICAO/IATA

Excepted Quantities E1  
Passenger and Cargo Aircraft Limited Quantities Packing Instructions Y344  
Passenger and Cargo Aircraft Limited Quantities Max net Qty 10L  
Passenger and Cargo Aircraft Packing Instructions 355  
Passenger and Cargo Aircraft Max net Qty 60L  
Cargo Aircraft Packing Instructions 366  
Cargo Aircraft Max net Qty 220L  
Special Provisions A3, A58  
Emergency Response Guidebook (ERG) Code 3L  
ADR Classification Code F1  
ADR HIN 30  
ADR Transport Category 3  
Tunnel Restriction Code D/E  
Emergency Action Code •2Y  
APP Advice on Additional Personal Protection (APP) Not applicable

#### 14.4 Packing group

Packing group III  
Labels 3



Special Provisions 144 601  
Limited Quantities 5 L  
Excepted Quantities E1



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Mixed Packing Instructions for Packages P001 IBC03 LP01 R001

Special Packing Provisions for Packages Not applicable

Mixed Packing Instructions for Packages MP19

### 14.5 Environmental hazards

Environmental hazards Not known.

### 14.6 Special precautions for user

Special precautions for user Not known.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Packing Instructions for Portable Tanks T2

Special Provisions for Portable Tanks TP1

Tank Code for Tanks LGBF

Special Provisions for Tanks Not applicable

Vehicle for Tank Carriage FL

Special Provisions for Carriage - Packages V12

Special Provisions for Carriage - Bulk Not applicable

Special Provisions for Carriage - Loading, Unloading and Handling Not applicable

Special Provisions for Carriage - Operation S2

## 15. SECTION 15: REGULATORY INFORMATION

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

#### European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not listed

Community Rolling Action Plan (CoRAP) Not listed

Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants Not listed





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Regulation (EC) N° 2037/2000 Not listed  
on substances that deplete the  
ozone layer

Regulation (EU) N° 649/2012 of Not listed  
the European Parliament and of  
the Council concerning the  
export and import of hazardous  
chemicals

### National regulations

Other Not known.

### 15.2 Chemical Safety Assessment

A REACH chemical safety assessment has not been carried out.

## 16. SECTION 16: OTHER INFORMATION

The following sections contain  
revisions or new statements:

### LEGEND

Hazard Pictogram(s)



GHS02



GHS07

Hazard Statement(s)

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Precautionary Statement(s)

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P233: Keep container tightly closed.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER/doctor if you feel unwell.

P337+P313: If eye irritation persists: Get medical advice/attention.



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P370+P378: In case of fire: Use water to extinguish.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

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