



## Safety Data Sheet

### CLEARSURF 91-6

#### SECTION 1. IDENTIFICATION

Product Identifier	ClearSurf 91-6
Other Means of Identification	Code: CSURF916** DSL: Alcohols, C9-11, ethoxylated CAS: 68439-46-3 Linear alcohol (C9-11) with 6 moles of ethoxylate
Product Use and Restrictions on Use	For commercial or industrial use.
Initial Supplier Identifier	ClearTech Industries Inc. 1500 Quebec Avenue Saskatoon, SK. Canada S7K 1V7  Phone: 800.387.7503 Fax: 888.281.8109 <a href="http://www.cleartech.ca">www.cleartech.ca</a>
24-Hour Emergency Phone	306.664.2522

#### SECTION 2. HAZARD IDENTIFICATION

Acute toxicity - oral	Category 4
Serious eye damage / eye irritation	Category 1

#### Pictograms



#### Signal Word: Danger

#### Hazard Statements

- H302 Harmful if swallowed.
- H318 Causes serious eye damage.

#### Precautionary Statements

##### Prevention

- P264 Wash affected body parts thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P280 Wear protective gloves, eye protection, face protection.

##### Response

- P301 P312 P330 IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor if you feel unwell.
- P305 P351 P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

##### Disposal

- P501 Dispose of contents / container in accordance with all federal, provincial and / or local regulations including the Canadian Environmental Protection Act.



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#### Hazards Not Otherwise Classified

Not available

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous Ingredients:

<i>Chemical name</i>	<i>Common name(s)</i>	<i>CAS number</i>	<i>Concentration (w/w%)</i>
Alcohols, C9-11, ethoxylated	Alcohols, C9-11, ethoxylated	68439-46-3	90-100%

### SECTION 4. FIRST-AID MEASURES

#### Description of necessary first-aid measures

Inhalation	Get medical advice / attention if you feel unwell or are concerned.
Ingestion	Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.
Skin contact	Rinse skin with lukewarm, gently flowing water / shower for 5 minutes or until product is removed. If skin irritation occurs or if you feel unwell: Get medical advice / attention.
Eye contact	Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 30 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately call a POISON CENTER or doctor.

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

Inhalation	May cause respiratory irritation.
Ingestion	Harmful if swallowed.
Skin contact	Not available
Eye contact	Causes serious eye damage.
Further information	For further information see Section 11 Toxicological Information.

### SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Extinguish fire using extinguishing agents suitable for the surrounding fire.
Unsuitable extinguishing media	Water jets are not recommended in fires involving chemicals.
Specific hazards arising from the chemical	In the event of a fire oxides of carbon may be released.
Special protective equipment for fire-fighters	Wear NIOSH-approved self-contained breathing apparatus and chemical-protective clothing.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions / Protective Equipment / Emergency Procedures	Wear appropriate personal protective equipment (See Section 08 Exposure Controls and Personal Protection). Stay upwind, ventilate area.
Environmental Precautions	Prevent material from entering waterways, sewers or confined spaces. Notify local health and wildlife officials. Notify operators of nearby water intakes.



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Methods and Materials for Containment and Cleaning Up

SMALL SPILLS: Stop or reduce leak if safe to do so. Clean up spill with non-reactive absorbent and place in suitable, covered, labeled containers. Flush area with water. Contaminated absorbent material may pose the same hazards as the spilled product.  
LARGE SPILLS: Contact fire and emergency services and supplier for advice.

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## SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

A soak hose and eyewash station or emergency shower and eyewash station should be available, tested, and be near to the product being handled in accordance with provincial regulations.

Use sensible workplace hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.

Inspect containers for damage or leaks before handling. If the original label is damaged or missing replace with a workplace label. Have suitable emergency equipment for fires, spills and leaks readily available.

Conditions for Safe Storage

Store in a cool, dry area, out of direct sunlight, away from heat sources and incompatible materials. Always store in original labeled container. Keep containers tightly closed when not in use and when empty. Empty containers may contain hazardous residues. Protect label and keep it visible.

Incompatibilities

Oxidizing agents, such as oxygen, hydrogen peroxide, sulphuric and nitric acids, hypochlorites and permanganates.

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## SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Exposure limits

There are no known exposure limits for this product.

### Engineering controls

Ventilation Requirements

Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions should be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

### Protective equipment

The following are recommendations only. It is the responsibility of the employer / user to conduct a hazard assessment of the process in which this product being used and determine the proper engineering controls and PPE for their process. Additional regulatory and safety information should be sought from local authorities and, if needed, a professional industrial hygienist.

Eye and face protection

Where there is potential eye or face exposure, tightly fitting safety goggles and a face shield or a full-face respirator or similar protective equipment which protects the wearer's face and eyes are recommended. Contact lenses are not recommended; they may contribute to severe eye injury.

Hand and body protection

Where handling this product it is recommended that skin contact is avoided.

Respiratory protection

If mists or aerosols are generated during handling, wear approved respiratory protection. Reevaluate any respiratory protection used regularly, as their protective effects tend to degrade over time.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state

Liquid



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Colour	Clear to slightly hazy, white
Odour	Not available
Odour threshold	Not available
pH	5.5-6.5
Melting point / freezing point	5-9 °C
Initial boiling point and boiling range	232 °C
Flash point	143 °C
Evaporation rate	Not available
Flammability	Not applicable
Upper flammable limit	Not available
Lower flammable limit	Not available
Vapour pressure	0.13 hPa
Vapour density	Not available
Relative density	Not applicable
Solubility	Soluble in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Specific gravity	0.99
Particle characteristics	Not applicable

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity	Not available
Stability	This product is stable if stored according to the recommendations in Section 07.
Possibility of hazardous reactions	Hazardous polymerization is not known to occur.
Conditions to avoid	Avoid contact with incompatible materials.
Incompatible materials	Oxidizing agents, such as oxygen, hydrogen peroxide, sulphuric and nitric acids, hypochlorites and permanganates.
Hazardous decomposition products	Thermal decomposition may produce oxides of carbon.

#### SECTION 11. TOXICOLOGICAL INFORMATION

##### Acute Toxicity (LD50 / LC50 values)

<i>Component</i>	<i>Route</i>	<i>Species</i>	<i>Value</i>	<i>Exposure time</i>
Product	Oral	Rat	>300 mg/kg bw	
Product	Dermal	Rabbit	>2000 mg/kg bw	

##### Toxic Health Effect Summary



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Skin	Not available
Ingestion	Harmful if swallowed.
Inhalation	May cause respiratory irritation.
Eye contact	Causes serious eye damage.
Sensitization	This product and its components at their listed concentration have no known sensitizing effects.
Mutagenicity	This product and its components at their listed concentration have no known mutagenic effects.
Carcinogenicity	This product and its components at their listed concentration have no known carcinogenic effects.
Reproductive toxicity	This product and its components at their listed concentration have no known reproductive effects.
Specific organ toxicity	This product and its components at their listed concentration have no known effects on specific organs.
Aspiration hazard	Not available
Synergistic materials	Not available

## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<i>Component</i>	<i>Type</i>	<i>Species</i>	<i>Value</i>	<i>Exposure Time</i>
Product	LC50	Fish	5-10 mg/L	96 hours
Product	EC50	Aquatic invertebrates	5-10 mg/L	48 hours
Product	EC50	Algae	10-100 mg/L	72 hours

Biodegradability The domestic substance list categorizes Alcohols, C9-11, ethoxylated as non-persistent.

Bioaccumulation The domestic substance list categorizes Alcohols, C9-11, ethoxylated as non-bioaccumulative.

Mobility This product is water soluble, is not predicted to adsorb to soil and may contaminate ground water.

Other adverse effects The domestic substance list categorizes Alcohols, C9-11, ethoxylated as inherently toxic to aquatic organisms. Not available

## SECTION 13. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products Dispose in accordance with all federal, provincial, and local regulations including the Canadian Environmental Protection Act.

Contaminated Packaging Do not remove label, follow label warnings even after the container is empty. Empty containers should be recycled or disposed of at an approved waste handling facility.

## SECTION 14. TRANSPORT INFORMATION

UN number This product does not meet the definition of dangerous goods per Part 2 of Transport of Dangerous Goods Regulations

UN proper shipping name and description Not available

Transport hazard class(es) Not available

Packing group Not available



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Excepted quantities	Not available
Environmental hazards	Not listed as a marine pollutant under Canadian TDG Regulations, schedule III.
Special precautions	No special precautions
Transport in bulk	ERAP index: not available
	MARPOL 73/78 and IBC Code: This product is not listed in Chapter 17 of the IBC Code.
Additional information	Secure containers (full or empty) during shipment and ensure all caps, valves, or closures are secured in the closed position.

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## SECTION 15. REGULATORY INFORMATION

All components of this product appear on the domestic substance list.

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## SECTION 16. OTHER INFORMATION

Date of latest revision: April 15, 2026

Note: The responsibility to provide a safe workplace remains with the buyer / user. The buyer / user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results and assume no liability for damages incurred by the use of this material. It is the responsibility of the buyer / user to comply with all applicable laws and regulations regarding handling, using, reselling and shipping this product.

Attention: Receiver of the chemical goods / SDS coordinator

As part of our commitment to the RDC Responsible Distribution® initiative, ClearTech Industries Inc. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users. ClearTech will send any available supplementary handling, health, and safety information to you at your request.

If you have any questions or concerns, please call our customer service center.

### References:

- 1) *NIOSH Pocket Guide to Chemical Hazards*; U.S. Department of Health and Human Services, <https://www.cdc.gov/niosh/npg/default.html>
- 2) *WorkSafe BC E-Limit*; Workers' Compensation Board of British Columbia, <https://elimit.online.worksafebc.com/>
- 3) *ECHA - Registered Substance Dossier*; European Chemicals Agency, <https://chem.echa.europa.eu/100.112.306>
- 4) *Transportation of Dangerous Goods Regulations*; Transport Canada, <https://laws-lois.justice.gc.ca/eng/regulations/SOR-2001-286/index.html>
- 5) Globally Harmonized System of Classification and Labeling of Chemicals (GHS) *Seventh revised edition*
- 6) International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk (IBC Code) 2007 Edition
- 7) The ACS Style Guide