

Issue Date: 11-Mar-2019

Revision Date:

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name Lubricity Booster SS4

### Other means of identification

SDS #

Item # B-0750-01

### Recommended use of the chemical and restrictions on use

Recommended Use Lubricant

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

Supplier Address

Ashburn Chemical Technologies  
7403 Wright Rd  
Houston, TX 77041

### Emergency Telephone Number

Company Phone Number 832-399-1000

Emergency Telephone (24 hr) INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Inhalation (Dusts/Mists)

Category 4

### Signal Word

Warning

### Hazard Statements

H332 - Harmful if inhaled



### Precautionary Statements - Prevention

P261 - Avoid breathing mist and spray

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

### Precautionary Statements - Response

P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing

P312 - Call a doctor if you feel unwell

### Other hazards

May cause slight irritation to eyes. May cause slight irritation to the skin. Handle in accordance with good industrial hygiene and safety procedures.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
oxirane, 2-methyl-, polymer with oxirane, monobutyl ether	9038-95-3	>20

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES****First Aid Measures**

<b>General Advice</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
<b>Eye Contact</b>	Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
<b>Skin Contact</b>	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
<b>Inhalation</b>	Assure fresh air breathing. Allow the victim to rest. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

**Most important symptoms and effects**

<b>Symptoms</b>	Danger of serious damage to health by prolonged exposure through inhalation.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

<b>Suitable /Unsuitable Extinguishing Media</b>	Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish flames Do not use high volume water jet.
<b>Specific Hazards Arising from the Chemical</b>	Stable: Not reactive when mixed with water.
<b>Hazardous Combustion Products</b>	Smoke, Fume, Incomplete combustion products, Oxides of carbon
<b>Firefighting instructions:</b>	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
<b>Protection during firefighting:</b>	Do not enter fire area without proper protective equipment, including respiratory protection.

**6. ACCIDENTAL RELEASE MEASURES**

<b>Non-emergency personnel</b>	Evacuate unnecessary personnel
<b>Emergency responders</b>	Equip cleanup crew with proper protection Ventilate area See SECTION 8 for Personal Protective Equipment

<b>Environmental Precautions</b>	Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information.
<b>Methods for Clean-Up</b>	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal.

## 7. HANDLING AND STORAGE

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing mists, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Use only outdoors or in a well-ventilated area.
<b>Storage Conditions</b>	Keep only in the original container in a cool, well ventilated place away from: Sources of ignition. Keep container closed when not in use.
<b>Incompatible Materials</b>	Oxidizing agents. Strong bases. Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b><u>Exposure Guidelines</u></b>	No exposure limits noted for ingredient(s) The following information is given as general guidance
<b><u>Appropriate engineering controls</u></b>	
<b>Engineering Controls</b>	Ensure good ventilation of the work station.
<b><u>Individual protection measures, such as personal protective equipment</u></b>	
<b>Eye/Face Protection</b>	If contact is likely, wear chemical goggles or safety glasses with side shields.
<b>Skin and Body Protection</b>	If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Transparent	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Amber		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	5 – 7.5	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	Not determined	
<b>Flash Point</b>	Not determined	
<b>Evaporation Rate</b>	< 1	
<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	

Vapor Pressure	Not determined	
Vapor Density	<1.0	(Air=1)
Specific Gravity	1.06	
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Dynamic Viscosity	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	

## 10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	Stable under recommended storage conditions.
Conditions to Avoid	Direct sunlight. Extremely high or low temperatures.
Incompatible Materials	Oxidizing agents. Strong bases. Strong acids.
Hazardous Decomposition Products	Carbon dioxide. Carbon monoxide. Fumes.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Eye Contact	May cause slight irritation.
Skin Contact	Not classified.
Inhalation	Inhalation: dust/mist: Harmful if inhaled.
Ingestion	Ingestion may cause nausea, vomiting and diarrhea.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
oxirane, 2-methyl-, polymer with oxirane, monobutyl ether (9038-95-3)	> 2000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	1 - 5 mg/L ( Rat ) 4 h
Polyoxypropylene-polyoxyethylene block copolymer 9003-11-6	= 5700 mg/kg ( Rat )		

### Information on physical, chemical and toxicological effects

Symptoms	Please see section 4 of this SDS for symptoms.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	May cause an allergic skin reaction.
Carcinogenicity	This material is not classified as a carcinogen, mutagen, or reproductive toxin by IARC, OSHA, ACGIH, or NTP.

### Numerical measures of toxicity

Unknown Acute Toxicity	Not determined
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## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity Component Information</b>	This material has not been tested for environmental effects.
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<b>Persistence/Degradability</b>	Not determined.
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<b>Bioaccumulation</b>	Not determined.
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<b>Mobility</b>	Not determined
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<b>Other Adverse Effects</b>	Not determined
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### 13. DISPOSAL CONSIDERATIONS

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
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### 14. TRANSPORT INFORMATION

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
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<b>DOT</b>	Not regulated
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<b>IATA</b>	Not regulated
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<b>IMDG</b>	Not regulated
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### 15. REGULATORY INFORMATION

#### **International Inventories**

<b>TSCA</b>	All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory
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#### **Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

#### **US Federal Regulations**

<b>CERCLA</b>	This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)
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<b>SARA 311/312 Hazard Categories</b>	Acute Health Hazard
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**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986. This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**California Proposition 65**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other re-productive harm.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	1	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	1	0	B

**Issue Date:** 12-Mar-2019

**Review Date:**

**Revision Note:** New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**