

# SUPERSAUL 3

## SECTION 1. IDENTIFICATION

**Product Identifier** SUPERSAUL 3  
**Product Family** Solvent  
**Recommended Use** Industrial cleaner.  
**Supplier Identifier** Bri-Chem Supply Ltd., Bay 4, 5510 - 3rd Street SE, Calgary, Alberta, T2H 1J9, Bri-Chem Supply, 403-252-5904, www.brichemsupply.com  
**Emergency Phone No.** ChemTrec, (800) 424-9300, 24/7

## SECTION 2. HAZARD IDENTIFICATION

### Classification

Not classified under any hazard class.

### Label Elements

Not applicable

### Other Hazards

COMBUSTIBLE LIQUID

Can ignite if heated. Releases vapours that can form explosive mixture with air at or above the flash point.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no hazardous ingredients.

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Hydrotreated light naphthenic distillate	64742-53-6	1-3		

## SECTION 4. FIRST-AID MEASURES

### First-aid Measures

#### Inhalation

Move to fresh air.

#### Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Clean clothing, shoes and leather goods.

#### Eye Contact

Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for at least 15 minutes, while holding the eyelid(s) open. If eye irritation persists, seek medical attention.

#### Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell or are concerned.

#### First-aid Comments

Seek medical attention if symptoms develop or persist.

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## SECTION 5. FIRE-FIGHTING MEASURES

### Extinguishing Media

#### Suitable Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog.

#### Unsuitable Extinguishing Media

None known.

### Specific Hazards Arising from the Product

Liquid can float on water and may travel to distant locations and/or spread fire.

Gas or vapour may accumulate in hazardous amounts in low-lying areas especially inside confined spaces, resulting in a fire hazard.

Not known to generate any hazardous decomposition products in a fire.

### Special Protective Equipment and Precautions for Fire-fighters

Firefighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

A full-body encapsulating chemical protective suit with positive pressure SCBA may be necessary.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

It is good practice to prevent releases into the environment.

### Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so.

Contain and soak up spill with absorbent that does not react with spilled product.

Place used absorbent into suitable, covered, labelled containers for disposal.

Contaminated absorbent poses the same hazard as the spilled product.

### Other Information

Report spills to local health, safety and environmental authorities, as required.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Only use where there is adequate ventilation.

Avoid generating vapours or mists.

Prevent uncontrolled release of product.

Immediately report leaks, spills or failures of the safety equipment (e.g. ventilation system). Eliminate heat and ignition sources such as sparks, open flames, hot surfaces and static discharge. Post "No Smoking" signs.

Avoid heating that will increase the amount of vapours.

### Conditions for Safe Storage

Store in an area that is cool, well-ventilated.

Out of direct sunlight and away from heat and ignition sources.

Separate from incompatible materials (see Section 10: Stability and Reactivity).

Protect from conditions listed in "Conditions to Avoid" in Section 10 (Stability and Reactivity).

Comply with all applicable health and safety regulations, fire and building codes.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hydrotreated light naphthenic distillate

ACGIH TLV: 5 mg/m<sup>3</sup>

ACGIH® = American Conference of Governmental Industrial Hygienists.

OSHA = US Occupational Safety and Health Administration.

AIHA® = AIHA® Guideline Foundation.

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A5 = Not suspected as a human carcinogen.

TLV® = Threshold Limit Value.

### Appropriate Engineering Controls

General ventilation is usually adequate.

For large scale use of this product: use local exhaust ventilation if general ventilation is not adequate to control amount in the air.

### Individual Protection Measures

#### Eye/Face Protection

Wear chemical safety goggles.

#### Skin Protection

Avoid repeated or prolonged skin contact.

Suitable materials are: neoprene rubber, nitrile rubber, polyvinyl alcohol.

#### Respiratory Protection

Not normally required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear liquid.
Odour	Slight
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	-67 °C (melting); -68 °C (freezing)
Initial Boiling Point/Range	191 °C
Flash Point	~ 94 °C (method not specified) (estimated)
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	~ 5% (upper); ~ 0.5% (lower)
Vapour Pressure	0.06 kPa at 20 °C
Vapour Density (air = 1)	4.5
Relative Density (water = 1)	0.78 at 20 °C
Solubility	Insoluble in water; Highly soluble in common organic solvents.
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	~ 1.8 centistokes (kinematic)
<b>Other Information</b>	
Physical State	Liquid
Bulk Density	Not available
Surface Tension	Not available
Critical Temperature	Not available
Vapour Pressure at 50 deg C	Not available
Saturated Vapour Concentration	Not available

## SECTION 10. STABILITY AND REACTIVITY

### Chemical Stability

Normally stable.

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### **Possibility of Hazardous Reactions**

None known.

### **Conditions to Avoid**

High temperatures.

Acidic conditions (low pH).

Alkaline conditions (high pH).

Open flames, sparks, static discharge, heat and other ignition sources. Temperatures above 94 °C

### **Incompatible Materials**

Strong acids (e.g. hydrochloric acid).

Strong bases (e.g. sodium hydroxide).

Oxidizing agents (e.g. peroxides).

Not corrosive to metals.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **Likely Routes of Exposure**

Skin contact; eye contact; inhalation; ingestion.

### **Acute Toxicity**

LC50: No information was located.

Hydrotreated light naphthenic distillate

LD50 Oral Rat: ~ 1400 mg/kg

Hydrotreated light naphthenic distillate

LD50 Dermal Rat: ~ 5500 mg/kg

### **Skin Corrosion/Irritation**

May cause mild irritation.

### **Serious Eye Damage/Irritation**

May cause mild irritation.

### **STOT (Specific Target Organ Toxicity) - Single Exposure**

#### **Inhalation**

Can irritate the nose and throat.

#### **Skin Absorption**

Can be absorbed through the skin.

#### **Ingestion**

Can cause a laxative effect.

### **STOT (Specific Target Organ Toxicity) - Repeated Exposure**

Effects from long-term exposure are similar to effects described for short-term exposure.

### **Carcinogenicity**

Not known to cause cancer.

### **Reproductive Toxicity**

#### **Sexual Function and Fertility**

Not known to be a reproductive hazard.

### **Germ Cell Mutagenicity**

Not known to be a mutagen.

No information was located for: Development of Offspring, Effects on or via Lactation, Interactive Effects

## **SECTION 12. ECOLOGICAL INFORMATION**

This section is not required by WHMIS.

This section is not required by OSHA HCS 2012.

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## Ecotoxicity

Studies were not located.

## Persistence and Degradability

No ingredient of this product or its degradation products is known to be highly persistent. Biodegrades with exposure to microorganisms in soil, water or sediment.

## Bioaccumulative Potential

This product and its degradation products are not known to bioaccumulate.

## Mobility in Soil

Based on chemical properties, when released into environment this product is not expected to move rapidly.

## SECTION 13. DISPOSAL CONSIDERATIONS

### Disposal Methods

Recycle and reuse product, if possible.

Contact local environmental authorities for approved disposal or recycling methods in your jurisdiction.

Recommended disposal methods are for the product, as sold. (Used material may contain other hazardous contaminants).

## SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

## SECTION 15. REGULATORY INFORMATION

### Safety, Health and Environmental Regulations

#### Canada

##### WHMIS 1988 Classification

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by the Controlled Products Regulations.

##### Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL/NDSL.

#### USA

##### Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

##### Additional USA Regulatory Lists

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

## SECTION 16. OTHER INFORMATION

**NFPA Rating**                      **Health - 1**      **Flammability - 1**                      **Instability - 0**

**SDS Prepared By**                      Bri-Chem Supply Ltd

**Phone No.**                                      (403) 252-5904

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**Key to Abbreviations**                      NFPA = National Fire Protection Association  
NTP = National Toxicology Program

**References**                                      Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and

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Safety (CCOHS).

**Additional Information** This Health and Safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, that any revision of this Data Sheet is sent to all customers to whom we have directly supplied this substance, but must point out that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the ultimate user. The information given in the Data Sheet is designed only as guidance for safe handling, storage, and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this data sheet.

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