

# SAFETY DATA SHEET

## 1. Product Identification

Wayne Concept  
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**Product:** B.O.S.S. Cold  
**SDS#:** 757  
**CAS:** Mixture  
**Recommended use:** Cold solvent degreaser  
**Restrictions:** Do not use near heat/sparks/open flames.  
**Created:** 12/31/2015  
**Revised:** 07/11/2016  
**Emergency phone:** INFOTRAC (800)535-5053

## 2. Hazards Identification

**Appearance:** Water white liquid  
**Odor:** Citrus odor  
**Classification(s):** Flammable Liquid, Category 4  
Hazardous to aquatic environment, acute - Cat. 2  
Hazardous to aquatic environment, long term – Cat. 2  
**Target organs:** None  
**Symbol(s):**



**Signal Word:** **WARNING**  
**Hazard Statement(s):** Combustible liquid and vapor. Harmful if swallowed.  
Causes eye and skin irritation.  
Toxic to aquatic life, and toxic to aquatic life with long lasting effects.

**Other hazard(s):** Repeated exposure may cause dryness of the skin

**Precaution(s):** Keep away from heat/sparks/open flames/hot surfaces – no smoking. Do not breathe mist/vapors/spray. Use in a well ventilated area. Wear protective gloves/protective clothing.

Do no ingest. IF SWALLOWED: Do NOT induce vomiting. Rinse mouth out. Get immediate medical attention.

**Disposal:** Keep out of waterways. Check local, national, and international regulations for proper disposal

### 3. Composition/Information on Ingredients

#### Hazardous Ingredients:

<i>Component</i>	<i>CAS No.</i>	<i>Conc (wt%)</i>
Naphtha (petroleum), hydrotreated light	64742-47-8	85-95
Citrus terpenes	5989-27-5	5-15

### 4. First Aid Measures

**Eyes** Remove contact lenses, if worn. Rinse with running water for at least 15 minutes, lifting upper and lower eyelids occasionally. Seek medical attention if irritation persists.

**Skin** Remove affected clothing and launder before reuse. Wash affected area for at least 15 minutes with soap and running water. Seek medical attention if persistent irritation occurs. Prolonged or repeated exposure may cause defatting of the skin – symptoms include redness, dryness, cracking

**Inhalation** Remove exposed person to fresh air immediately. Restore or assist breathing, if necessary. Get medical attention if breathing is slow or difficult.

**Ingestion** If swallowed DO NOT induce vomiting. Rinse mouth. If vomiting occurs spontaneously, keep head below hips to minimize the chance of aspiration. If fever, shortness of breath, congestion, coughing or wheezing occurs, get immediate medical attention.

**Additional Info**  
**Specific Treatments** Note to physician: High potential for chemical pneumonitis! Consider gastric lavage with protected airway, or administration of activated charcoal. Call poison control for specific guidance.

### 5. Fire Fighting Measures

**Flash Point** 80°C / 176°F

**Extinguishing Media** Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. Do not discharge extinguishing waters into the aquatic environment.

**Unsuitable Media** Do not use water jet

**Firefighting Procedures:** Keep nearby containers cool with water spray.

## 6. Accidental Release Measures

**Personal precautions, protective equipment, and emergency procedures:**

Combustible liquid. Keep unnecessary personnel away. Wear appropriate personal protective equipment for emergency. Ventilate if released in a confined area. Eliminate sources of ignition if it is safe to do so.

**Environmental precautions:** Avoid release to the environment. Prevent from entering into soil, ditches, sewers, waterways or groundwater

**Methods for removal:** Use an explosion-proof pump to remove bulk liquid. Residual liquid can be absorbed on inert material or evaporated with adequate ventilation. **Use only non-sparking tools.**

## 7. Handling and Storage

**Max. Handling Temp:** Do not store or handle at elevated temperatures. See Section 5 for flammability and Section 10 for chemical stability

**Procedures:** Use only in a well ventilated area. Avoid breathing vapors. Keep containers closed when not in use. Use appropriate containment to avoid environmental contamination. Vapors are heavier than air and will tend to accumulate in low areas. Avoid sources of ignition and use non-sparking tools. Avoid use in confined areas without adequate ventilation. Areas of inadequate ventilation could contain concentrations high enough to cause eye irritation, headaches, or nausea. Avoid breathing dust, fume, gas, mist, vapors, or spray. Wash thoroughly after handling. Launder contaminated clothing before reuse. Empty container contains product residue which may exhibit hazards of the product. Do no weld, heat,

or pressurize empty containers. Do not re-use containers. Dispose of packaging or containers in accordance with local, regional, national, and international regulations. Store away from strong oxidizers

**Max Store Temp:** Do not store or handle at elevated temperatures.

**Unsuitable Materials:** Avoid prolonged contact with natural, butyl or nitrile rubbers.

**Other:** Store in a diked area and prevent discharge into the aquatic environment

## 8. Exposure Controls/Personal Protection

### Exposure Limits

#### US

#### Guidelines by component

*Petroleum distillates hydrotreated light (CAS # 64742-47-8)*

PEL/TWA: 100 mg/m<sup>3</sup>

*Citrus terpenes (CAS # 5989-27-5)*

8h TWA: 30 ppm (AIHA)

**Other Exposure Limits:** Not determined

**Engineering Controls:** Use in a well ventilated area. Local and general ventilation should keep methanol vapor concentration below permissible limits. Where exposure potential exceeds recommended limits, use a NIOSH/OSHA approved supplied air respirator as recommended. Vapors are heavier than air and will tend to accumulate in low-lying areas.

### Personal Protective Equipment

**Respiratory:** Use a positive-pressure supplied-air NIOSH approved respirator when used in confined spaces or where engineering controls are not sufficient to limit exposure to below recommended limits

**Eye:** Face shield or chemical splash goggles when splashing may occur. If possible, remove contact lenses before handling

**Gloves:** Use neoprene or viton gloves. Nitrile gloves can be used – but prolonged contact may cause the rubber to degrade

**Clothing:** Use chemical resistant pants and jackets

**Other:** Locate the nearest eyewash station and safety shower before handling this product. Limit exposure whenever possible. Consider flammability and always use non-sparking tools.

**Hygiene:** Wash thoroughly after handling this product.

## 9. Physical and Chemical Properties

<b>Appearance</b>	Water white liquid
<b>Odor</b>	Citrus odor
<b>Odor threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting Point</b>	-58°C/-72.4°F
<b>Initial Boiling Pt</b>	175°C / 347°F
<b>Flash Point</b>	80°C / 176°F
<b>Evaporation Rate</b>	< 1 (BuAc = 1)
<b>Upper Flammable Lm</b>	5.5% vol. in air
<b>Lower Flammable Lm</b>	0.6% vol. in air
<b>Vapor Pressure</b>	0.15 mm Hg
<b>Vapor Density</b>	4.5 (where air = 1)
<b>Volatile Organics</b>	100%
<b>Specific Gravity</b>	0.791 ±0.005
<b>Density</b>	6.59 ±0.05
<b>Solubility</b>	Insoluble

## 10. Stability and Reactivity

<b>Stability</b>	Material is normally stable at ambient temperatures and pressures.
<b>Decomposition Temp</b>	Not determined. Stable under normal conditions of use
<b>Incompatibility</b>	Keep away from strong oxidizers and strong acids.
<b>Conditions to Avoid</b>	Flammable liquid and vapor – keep away from heat/sparks/open flames/hot surfaces.

## 11. Toxicological Information

### - Acute Exposure -

<b>Eye Irritation</b>	Direct contact with eyes expected to cause temporary irritation.
<b>Skin Irritation</b>	Mild skin irritant. Repeated exposure may cause dermatitis, drying, cracking, and defatting of the skin.
<b>Respiratory Irritation</b>	Prolonged inhalation may be harmful.

### *Hydrotreated Light Petroleum Distillate*

<b>Dermal Toxicity</b>	Expected to be a low hazard for usual applications.
<b>Inhalation Toxicity</b>	Not Available
<b>Oral Toxicity</b>	Low order of toxicity LD50 >5g/kg, rat
	<i>Citrus tepenes</i>

**Inhalation Toxicity** RD50 >1g/kg, mouse

**Oral Toxicity** LD50 >5g/kg, rabbit

**Chronic effects** Prolonged or repeated exposure can cause frying or dermatitis or skin. Improper storage and handling may lead to the formation of a possible skin sensitizer.

**- Chronic Exposure -**

**Chronic Toxicity** Prolonged inhalation may be harmful.

**Carcinogenicity** This product and its components are NOT listed by the IARC, NTP, ACGIH, or OSHA as carcinogens.

**Mutagenicity** Available information does not suggest that this product is a germ cell mutagen

**Reproductive Toxicity** Available information does not suggest that this product is a reproductive toxin.

## 12. Ecological Information

**- Environmental Toxicity -**

*Petroleum Distillates, hydrotreated light*

**Freshwater Fish** LC50 (Oncorhynchus mykiss) 2.9 mg/l, 96 hr

*Citrus terpenes*

There is no information available at this time for this product. However, a spill may produce significant toxicity to aquatic organisms and ecosystems. Some studies have shown that certain bacteria and fungi have the ability to degrade terpenes, decreasing the toxicity to fish. When spilled, this product may act as an oil, causing a film, sheen, emulsion, or sludge at or beneath the surface of a body of water.

**- Environmental Fate -**

**Biodegradation** No data available.

**Bioaccumulation** No data available.

**Soil Mobility** No data available.

**Other Effects** No other adverse environmental effects are expected.

## 13. Disposal Considerations

### Disposal Considerations

All disposal practices must be in accordance with local, regional, national, and international regulations. Store material for disposal as indicated in Section 7.

Disposal by controlled incineration or recycling may be acceptable – review applicable regulations or regulatory bodies before making disposal decisions.

### Contaminated Containers or Packaging

Empty containers are likely to contain combustible vapors of vapor and air. Do NOT weld, cut, or grind empty containers. Send to reconditioner or metal reclaimer if possible. Dispose of in accordance with local, regional, national, and international regulations

## 14. Transportation Information

Description shown may not apply to all shipping situations. Consult applicable shipping codes to determine any additional shipping requirements

**US DOT**

**UN/NA ID#** NA1993

**Shipping Name** COMBUSTIBLE LIQUID, N.O.S. (CONTAINS PETROLEUM DISTILLATES)

**Packing Group** III

**Marine Pollutant** No  
(Not regulated in containers less than 119 gallons)

## 15. Regulatory Information

**USA**  
**Other TSCA Reg.** - **Global Chemical Inventories/Regulations –**  
All components of this material are on the USTSCA  
This product is listed on the TSCA as UVCB (Unknown, Variable composition, or Biological)

**Canada**  
**Canada WHMIS** All components of this product are listed on the Canadian Domestic Substances List (DSL).  
B3 (Combustible liquid)

**SARA Ext. Haz. Subst.** - **Other U.S. Federal Regulations –**  
No chemicals in this product are listed on the SARA 302 Extremely Hazardous Substances list.

**SARA 311/312** *Fire Hazard* - YES  
**SARA Sect. 313** No chemicals in this product are listed on the SARA 313

**CERCLA Haz. Sub.** No chemicals in this product are reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

**CA Prop 65** - **State Regulations –**  
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

### ***Right to Know Component***

Petroleum distillates,  
hydrotreated light (CAS #  
64742- 47-8)

### ***Right to Know States***

MA, NJ, PA

## 16. Other Information

Revision updates may be in many sections and the SDS should be read in its entirety. Prepared according to the UN Globally Harmonized System for the Classification and Labeling of Chemicals (GHS) by Wayne Concept.

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