# **SAFETY DATA SHEET**



#### I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Como Lube & Supplies, Inc.

PO Box 16987 Duluth, MN 55802

GHS product identifier: Sta-Vis Sta-Kool 110 Water Soluble Oil

**Product Code:** 4671

**Technical Contact:** 1-800-962-5417

Emergency Phone Number: 1-800-424-9300 CHEMTREC (United States Only)

National Poison Center: 1-800-222-1222

#### I. HAZARDOUS IDENTIFICATION

**NFPA RATING (SCALE 0-4)** Health = 1 Flammability = 1 Reactivity = 0

**EMERGENCY OVERVIEW:** Do not injest. Do not inhale dust. Use adequate ventilation

and wash after handling.

**GHS CLASSIFICATION:** 

<u>Health</u>	<u>Environmental</u>
Acute Toxicity: Cat. 4 Eye Irritation: Cat. 3	Acute Aquatic Toxicity: Not established Chronic Aquatic Toxicity: Not
Eye IIIIation. Cat. 3	established
Skin Irritation: Cat. 2B	

# **GHS LABEL ELEMENTS:** Symbol(s):



Signal Word Warning

#### **Hazard Statements**

May be harmful if swallowed. May cause skin and eye irritation.

#### **Precautionary Statements**

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

#### II. COMPOSITION/ INFORMATION ON INGREDIENTS

**COMPONENT:** Trade Secret

**CAS NUMBER:** 

Sulfonic acids, petroleum,	68608-26-4	50-70%
sodium salts		
Fatty Acid, Tall Oil, tetraester	68334-18-9	10-30%
Severely Hydrotreated Heavy	64742-52-5	80-95%
Naphthenic Petroleum Oil		

#### III. FIRST AID MEASURES

**EYE CONTACT:** Wash eyes with water for at least 30 minutes. If irritation persists, get

medical attention.

**SKIN CONTACT:** Wash affected area with soap and water for approximately 30 minutes

**INHALATION:** Remove exposed person to fresh air.

**INGESTION:** Do not induce vomiting. Get immediate medical attention.

#### IV. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use carbon dioxide, foam, sand or sodium bicarbonate.

SPECIAL FIRE FIGHTING

**PROCEDURES:** Avoid breathing vapors or dusts. Use self-contained breathing apparatus

with full face piece and protective clothing.

UNUSUAL FIRE AND EXPLOSIVE

**HAZARDS:** None known.

#### V. ACCIDENTAL RELEASE MEASURES

**IF MATERIAL IS RELEASED OR SPILLED:** Contain spill and transfer to suitable containers.

Stop leak if you can do it without risk.

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. If material is too viscous for pumping scrape it up with shovels into suitable containers for recycle or disposal.

**Large Spills:** Dike far ahead of spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

#### VI. HANDLING AND STORAGE

**STORAGE:** Observe all federal, state and local regulations when storing or disposing of this substance. Keep away from incompatible substances.

Use good engineering practices to establish good ventilation. Avoid contact with skin, eyes and clothing. Wear suitable protective equipment to protect from contact. Avoid breathing mist or vapors. Wash skin thoroughly after handling. Store inn closed containers away from extreme heat, sparks, open flame or oxidizing materials.

#### VII. EXPOSURE CONTROLS/ PERSONAL PROTECTION

#### **EXPOSURE GUIDELINES:**

**SKIN PROTECTION:** Wear appropriate protective gloves to prevent direct

contact.

**EYE PROTECTION:** Wear safety goggles to prevent eye contact with substance.

**RESPIRATORY PROTECTION:** Under certain circumstances where airborne concentration

are expected to exceed exposure limits, select a

NIOSH/MSHA approved respirator based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial

recommendations.

**OTHER PROTECTIVE** 

**EQUIPMENT:** Impervious apron if needed to avoid prolonged or repeated

skin contact.

**ENGINEERING** 

**CONTROLS:** Good general ventilation and/or local exhaust ventilation at

the point of generation is recommended.

#### PERSONAL PROTECTIVE EQUIPMENT (Pictograms):



#### VIII. PHYSICAL AND CHEMICAL PROPERTIES

**SOLUBILITY IN WATER:** Soluble

**APPEARANCE:** Brownish- Reddish Liquid

**ODOR:** Bland **FLASH POINT:** 300°F

FLAMMABLE LIMITS LOWER: N/A UPPER: N/A

#### IX. STABILITY AND REACTIVITY

**STABILITY:** This product is stable at ambient temperatures.

**CONDITIONS TO** 

**AVOID:** Extreme heat or cold.

**INCOMPATIBILITY:** 

Avoid contact with strong acids and strong oxidizers.

**HAZARDOUS** 

**DECOMPOSITION** 

**PRODUCTS:** Exposure to high temperatures, such as those associated with fires

causes' product decomposition, resulting in the release of carbon monoxide, carbon dioxide, and other decomposition products.

**HAZARDOUS** 

**POLYMERIZATION:** Will not occur.

#### X. TOXICOLOGY INFORMATION

#### POTENTIAL ACUTE HEALTH EFFECTS:

Eye: Eye contact may result in slight irritation and redness.

Skin: Short term contact with skin is unlikely to cause problems.

Excessive or prolonged and repeated contact and poor hygiene conditions may result in dryness, dermatitis, erythema, oil acne,

cracking and defatting of the skin.

**Ingestion:** May result in nausea or stomach discomfort.

**Inhalation:** Inhalation of vapors or mist may be irritating to respiratory

passages. Target Organ for mineral oil mist is lungs. Prolonged

exposure may result in dizziness and nausea.

#### POTENTIAL CHRONIC HEALTH EFFECTS:

Chronic effects:

No known significant effects or critical hazards.

#### XI. ECOLOGICAL INFORMATION

No information available.

#### XII. DISPOSAL INFORMATION

**WASTE DISPOSAL:** Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state and local regulations.

#### XIII. TRANSPORTATION INFORMATION

No classifications currently assigned.

#### XIV. REGULATORY INFORMATION

#### **STATUS:**

US (TSCA): Y

CANADA (DSL): Y

EUROPE (EINECS/ELINCS): Y

AUSTRALIA (AICS): Y

CHINA (IESCS): Y JAPAN (ENCS): Y

SOUTH KOREA (KECI): Y

Y= All ingredients are on the inventory or exempt from listing

N= One or more non-exempt ingredients are not on the inventory

#### **SECTION 302 EXTREMELY HAZARDOUS CHEMICALS:**

Component CAS# % by Wt.

None

#### **SECTION 313 TOXIC CHEMICALS:**

Component CAS# % by Wt.

None

**SARA TITLE III:** 

**ACUTE (IMMEDIATE HEALTH HAZARD):** No **CHRONIC (DELAYED HEALTH HAZARD):** No

**SUDDEN PRESSURE RELEASE: No** 

**FIRE HAZARD:** No

**REACTIVE HAZARD: No** 

#### **CERCLA** (Comprehensive Environment Response, Compensation and Liability Act):

There is no calculable reportable quantity (RQ) for this product.

**CLEAN WATER ACT**: Under section 311 (b) (4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

#### XV. OTHER INFORMATION

#### TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All components of this formula are included in the TSCA inventory. This product does not contain nor was manufactured with Class 1 or 11 ozone depleting chemicals, Section 611 of the Clean Air Act.

#### **HEALTH HAZARD**

#### 4-Deadly

- 3- Extreme Danger
- 2- Hazardous
- 1-Slightly Hazardous
- 0-Normal Material

#### NFPA FIRE HAZARD

Flash Points

4-Below 73°F

3-Below 100°F 2-Above 100°F, Not

exceeding 200°F

1-Above 200°F

0-Will not burn

#### **REACTIVITY**

4-May detonate

3-Shock and heat may detonate

2-Violent chemical change

1-Unstable if heated

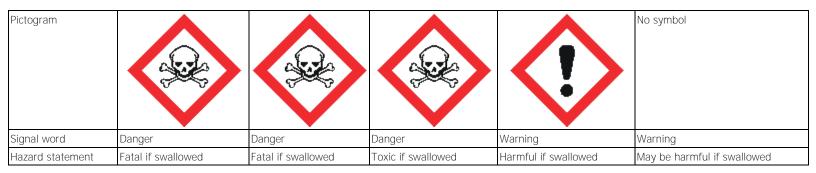
0-Stable

### **Table 3.8 Acute Toxicity**

Acute toxicity	Cat. 1	Cat. 2	Cat. 3	Cat. 4	Category 5
Oral (mg/kg)	≤ 5	> 5 <b>≤ 50</b>	> 50 ≤ <b>300</b>	> 300 <b>≤ 2000</b>	Criteria:
Dermal (mg/kg)	≤ 50	> 50 <b>≤ 200</b>	> 200 ≤ <b>1000</b>	> 1000 ≤ <b>2000</b>	<ul> <li>Anticipated oral LD50 between 2000 and 5000 mg/kg;</li> </ul>
Gases (ppm)	≤ 100	> 100 <b>≤ 500</b>	> 500 <b>≤ 2500</b>	> 2500 <b>≤ 5000</b>	<ul> <li>Indication of significant effect in humans; *</li> </ul>
Vapors (mg/l)	≤ 0.5	> 0.5 ≤ 2.0	> 2.0 <b>≤ 10</b>	> 10 <b>≤ 20</b>	<ul> <li>Any mortality at class 4;*</li> <li>Significant clinical signs at class 4;*</li> </ul>
Dust & mists (mg/l)	≤ 0.05	> 0.05 <b>≤ 0.5</b>	> 0.5 ≤ <b>1.0</b>	> 1.0 <b>≤ 5</b>	<ul> <li>Indications from other studies.*</li> </ul>
					*If assignment to more hazardous class is not warranted.

#### **Figure 4.11**

ACUTE ORAL TOXICITY - Annex 1					
	Category 1	Category 2	Category 3	Category 4	Category 5
LD <sub>50</sub>	£ 5 mg/kg	> 5 < 50 mg/kg	<sup>3</sup> 50 < 300 mg/kg	<sup>3</sup> 300 < 2000 mg/kg	<sup>3</sup> 2000 < 5000 mg/kg



#### **Table 3.9 Skin Corrosion/Irritation**

Skin Corrosion Category 1			Skin Irritation Category 2	Mild Skin Irritation Category 3	
Destruction of dermal tis animal	ssue: visible necrosis	s in at least one	Reversible adverse effects in dermal tissue	Reversible adverse effects in dermal tissue	
Subcategory 1A Exposure < 3 min. Observation < 1hr,	Exposure < 1hr.	Subcategory 1C Exposure < 4 hrs. Observation < 14 days	Draize score: ≥ 2.3 < 4.0 or persistent inflammation	Draize score: ≥ 1.5 < 2.3	

**Table 3.10 Eye Effects** 

Category 1 Serious eye damage	-	Category 2 Eye Irritation	
Irreversible damage 21 days after exposure	Reversible adverse effects or	n cornea, iris, conjunctiva	
Draize score:  Corneal opacity ≥ 3  Iritis > 1.5	Draize score:  Corneal opacity ≥ 1  Iritis > 1  Redness ≥ 2  Chemosis ≥ 2	Corneal opacity ≥ 1 Iritis > 1 Redness ≥ 2	
	<b>Irritant</b> Subcategory 2A Reversible in 21 days	Mild Irritant Subcategory 2B Reversible in 7 days	

## Figure 4.9

GHS Pictograms and Hazard Classes				
■ Oxidizers	<ul> <li>Flammables</li> <li>Self Reactives</li> <li>Pyrophorics</li> <li>Self-Heating</li> <li>Emits Flammable Gas</li> <li>Organic Peroxides</li> </ul>	<ul><li>Explosives</li><li>Self Reactives</li><li>Organic Peroxides</li></ul>		

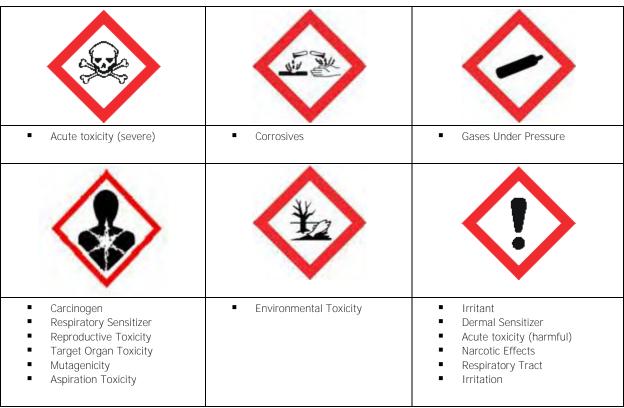
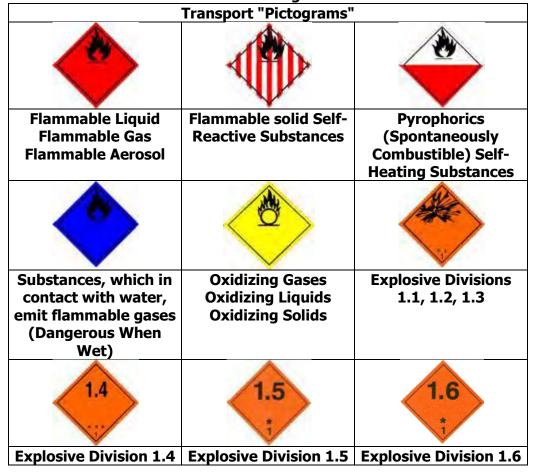
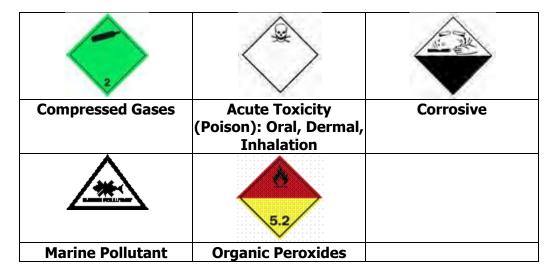


Figure 4.10





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