

# Superior lubricant for Ammonia service

**Horizon 100 White** is a synthetic lubricant that works great in Ammonia service. 100 White also works well for hard to hold applications such as glycols, solvents, and strong acids.

## Specs and Services:

Temperature Range.... -30° + 350°

NLGI..... 3-4

Color..... White

Texture..... Tacky, Smooth

Use in Ammonia, alcohols, concentrated acid, ethylene glycol, ketones, silicone oils, and strong alkalis.

Suitable injectable lubricant for: Pipeline gate valves, Plug valves, and Ball valves.



<i>Item #</i>	<i>Size</i>	<i>Quantity</i>
HLHW-J	8 oz stick	16 per box
HLHW-C	14 oz cartridge	10 per box
HLHW-G	5 quart can	1 can
HLHW- GC	5 quart can	4 per case
HLHW- 120	120 lb. keg	



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# Desco Chemofluor 100W/ Horizon 100 White Safety Data Sheet



## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Identification of the substance or mixture

**Product Name:** Desco Chemofluor 100W/Horizon 100  
**Product Use:** White Valve Lubricant  
**Manufacturer:** South Coast Products  
20 Southbelt Industrial Dr  
Houston, TX 77047 USA  
**Emergency telephone number:** +1 813 248 0585, 24 hours  
Refer to code 0845  
**E-mail address for questions regarding this SDS:** [sharons@socousa.com](mailto:sharons@socousa.com)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Not classified according to GHS.

### GHS Label Elements

#### **Symbol(s)**

None

#### **Signal Word**

None

#### **Hazard Statements**

None

#### **Precautionary Statements**

None

### Other hazards which do not result in classification

High pressure injection under skin is a medical emergency.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Nonhazardous grease based on synthetic hydrocarbons.

## 4. FIRST AID MEASURES

**Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Get medical attention if nausea or stomach pains occur.

**Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur.





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**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

## 5. FIRE-FIGHTING MEASURES

**Suitable media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Not suitable:** Do not use water jet.  
**Hazardous combustion products:** Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion.  
**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate personal protection equipment (see section 8).  
**Environmental precautions:** Recover free product. If small amount, clean residue with soap and water. Otherwise use suitable oil adsorbent. Dispose of material in accordance with all regulations. Keep product out of sewers and watercourses. Advise authorities if large amounts of product enters waterways or extensive land areas.

## 7. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.  
**Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C (150°F), away from strong oxidizers and acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** Use with adequate ventilation.  
**Eye/face protection:** Safety glasses. Ensure eye bath is to hand.  
**Hand protection:** Oil resistant (nitrile) gloves if prolonged or repeated contact is unavoidable.  
**Skin protection:** No additional protection required beyond normal industrial attire is required.  
**Respiratory protection:** No special measures required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odor:** Amber semi-solid, mild odor  
**pH:** Not applicable  
**Flash point:** > 93.4°C (200°F) (PMCC)



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## Horizon 100 White

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<b>Evaporation rate:</b>	No data
<b>Upper flammability limit:</b>	No data
<b>Lower flammability limit:</b>	No data
<b>Vapor pressure:</b>	No data
<b>Vapor density:</b>	No data
<b>Relative density:</b>	0.9
<b>Solubility:</b>	Insoluble in water, soluble in alcohols and petroleum distillates
<b>Viscosity:</b>	Cone penetration (ASTM D217) 180-230

#### 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable
<b>Conditions to avoid:</b>	Extreme heat
<b>Incompatible materials:</b>	Strong oxidizers
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide

#### 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Tests on similar materials indicate low acute toxicity.
<b>Skin corrosion/irritation:</b>	No ingredients reported to be irritating or corrosive to skin.
<b>Serious eye damage/irritation:</b>	May cause mild redness and discomfort on contact with eyes.
<b>Sensitization:</b>	No ingredients reported to be respiratory or skin sensitizers.
<b>Germ cell mutagenicity:</b>	No ingredients reported to have mutagenic effects.
<b>Carcinogenicity:</b>	No ingredients reported to have carcinogenic effects. No ingredients listed as carcinogenic by ACGIH, OSHA, IARC, or NTP.
<b>Reproductive toxicity:</b>	No ingredients reported to have reproductive effects.
<b>STOT – single exposure:</b>	No ingredients reported to have specific target organ toxicity single exposure effects.
<b>STOT – repeated exposure:</b>	Product may remove oils from skin with repeated or prolonged exposure.

#### 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	No information available for this product regarding toxicity in the environment.
<b>Persistence/degradability:</b>	Tests on similar products indicate product is not readily biodegradable, at <10% in 28 days.
<b>Mobility:</b>	Floats in water. No data available on mobility in soil.

#### 13. DISPOSAL CONSIDERATIONS

<b>Waste disposal:</b>	Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of non-recyclable material via licensed waste disposal operator. Follow all applicable regulations.
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#### 14. TRANSPORT INFORMATION

**Transport information:** This product is not regulated for transport by USDOT, ADR/RID, IMDG, IATA/ICAO.

#### 15. REGULATORY INFORMATION

##### US Regulations

No ingredient in this product is listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) or CERCLA (40 CFR 302.4)

##### State Regulations

**California Prop 65:** No ingredient listed.

**Massachusetts Substances:** No ingredient listed.

**New Jersey Hazardous Substances:** No ingredient listed.

**Pennsylvania RTK Hazardous Substances:** No ingredient listed.

**United States inventory (TSCA):** All ingredients listed or exempt.

##### International regulations

**Canada: WHMIS Classification:** Not controlled. **WHMIS:** This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. **Canada Domestic Substances List:** All ingredients listed or exempt.

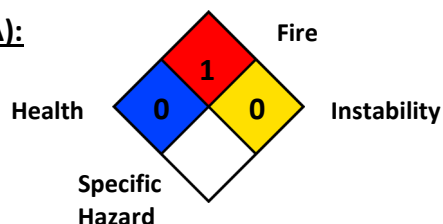
**Europe inventory (EINECS):** All ingredients listed or exempt.

#### 16. OTHER INFORMATION

##### Hazardous Material Information System (USA):

<b>HEALTH</b>	<b>0</b>
<b>FIRE</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

##### National Fire Protection Association (USA):



**Revision information:** Original GHS issue 4 Aug 2015. Rev 1: reviewed with no changes. Rev 2: reviewed with no changes.

**END OF SAFETY DATA SHEET**