Safety Data Sheet

Section 1 - Product and Company Identification

Product Name: WHITE SOL
Product Code: 465020

Product Use: Industrial Lubricant
Not recommended for: Applications other than those intended. For application information see product Technical Data Sheet or consult with a company representative.

Benz Oil Company
2724 W. Hampton Ave.
Milwaukee, WI 53209

Telephone Numbers
During normal business hours call (414)442-2900
Outside normal business hours call CHEMTREC (800)424-9300
Email Address
msds@benz.com

Section 2 - Hazards Identification

Emergency Overview: In accordance with good industrial hygiene and industrial practices. Airborne exposures should be controlled to the lowest extent possible. Do not ingest. Avoid contact with eyes, skin, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. Keep container closed.

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3

GHS Hazards

H316	Causes mild skin irritation

GHS Precautions

P332+P313	If skin irritation occurs: Get medical advice/attention

Signal Word: Warning

Section 3 - Composition

Proprietary additive(s) listed only if considered hazardous per OSHA regulations, at a 1% or greater concentration (0.1% for carcinogens)

Chemical Name	CAS number	Weight Concentration %
Solvent Refined, Hydrotreated Paraffinic Distillate	64742-54-7	80.00% - 90.00%
Fatty acid ester	61791-01-3	5.00% - 10.00%

Section 4 - First Aid Measures

Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself. Use adequate respiratory protection. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, a trained individual should attempt to resuscitate while

getting immediate medical aid.
Eye Contact: Flush eyes with water for at least 15 minutes. If irritation occurs, seek medical attention.
Skin Contact: Prolonged or repeated contact may cause irritation. Good hygienic practices should be observed at all times. Wash exposed skin with soap and warm water.
Ingestion: First aid is not normally required. Seek medical attention if discomfort occurs. Do not induce vomiting unless directed to do so by medical personnel.

Section 5 - Fire Fighting Measures

Flash Point: 205 C (401 F)
Extinguishing Media: Carbon Dioxide (CO2), dry chemical or foam. Water can be used to cool and protect exposed material.
Unusual Fire Hazards: Pressurized mists may form a flammable mixture.
Products of Combustion: Fumes, smoke, COx, SOx, NOx, when combusted.
Fire Fighting Instructions: Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Fire fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus. Use water supply to cool fire exposed surfaces and to protect personnel.

Section 6 - Accidental Release Measures

Notification Procedures: In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material (which exceed the applicable reportable quantity) into the environment, or oil spills which could reach any waterway (including intermittent dry creeks). The National Response Center can be reached at 1-800-424-8802.
Spill Management: Shut off source of leak if it is safe to do so. Dike and contain spill.
Small Spills: While wearing suitable personal protective equipment (PPE), absorb spill with clay, sand or other suitable material. Place in a non-leaking container and seal tightly for proper disposal.
Large Spills: Ventilate the contaminated area. Wearing suitable PPE, pump into salvage vessels. Dispose of collected material according to regulations.

Section 7 - Handling and Storage

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Do not take internally. Use this product with adequate ventilation. Launder work clothes frequently.
Storage: Keep properly labeled container tightly closed, and in a cool, well-ventilated place away from incompatible materials. Store away from heat, sparks and other ignition sources. Containers, even those have been emptied, can contain combustible vapors. Do not pressurize, cut, weld, drill or grind on or near containers. Do not reuse empty containers.

Section 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Solvent Refined, Hydrotreated Paraffinic Distillate 64742-54-7	PEL 5 mg/m3 (Mist)	TWA 5 mg/m3 (Inhalable Fraction) STEL 10 mg/m3	Not Determined
Fatty acid ester 61791-01-3	Not Determined	Not Determined	Not Determined

Ventilation Control: Provide adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1910.132), employers must perform a Hazard Assessment of all workplaces to determine the need for proper protective equipment for each employee.
Eye Protection: Normal industrial eye protection practices should be employed.
Skin Protection: In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory: If airborne concentration limits are not met, a NIOSH approved respirator must be worn.
Contaminated Gear: Soiled work clothing should be laundered or dry-cleaned.

Section 9 - Physical and Chemical Properties

Typical physical and chemical properties are given below. Consult the manufacturer in Section 1 for additional data.

Odor threshold: No Data Available	**Vapor Density:** No Data Available
Specific Gravity@60F 0.8629	**Melting point:** No Data Available
Freezing point: No Data Available	**Solubility in Water:** Negligible
Flash point: 401°F,205°C	**Evaporation rate:** No Data Available
Flammability: No Data Available	**Explosive Limits:** No Data Available
Partition coefficient: No Data Available	**Autoignition temperature:** No Data Available
Decomposition temperature: No Data Available	**Viscosity@40C** 21.9 cSt
Grams VOC less water: No Data Available	**Appearance:** Clear Liquid
Odor: Characteristic	**Vapor Pressure:** No Data Available

Section 10 - Stability and Reactivity

Stability: Material is stable under normal conditions.
Conditions to Avoid: Excessive heat. High energy sources of ignition.
Material to Avoid: Strong oxidizers.
Hazardous Decomposition Products: This material does not decompose at ambient temperatures.
Hazardous Polymerization: Will not occur under normal circumstances.

Section 11 - Toxicological Information

Mixture Toxicity
Component Toxicity

If applicable, the ingredient(s) listed above are considered hazardous per OSHA 1910 .1200. Included are the corresponding LD50 ratings, if available. Hazardous ingredients are required to be listed if they are used in the final product at a 1% (0.1% for carcinogens) or greater concentration.
Routes of Entry: Eye contact. Dermal contact. Inhalation. Ingestion.

Target Organs: None known

CAS Number	Description	% Weight	Carcinogen Rating

Section 12 - Ecological Information

Ecotoxicity: No data available for this product.

Component Ecotoxicity

Section 13 - Disposal Considerations

Disposal Instructions: Refer to the latest US EPA, state and local regulations regarding proper disposal.

Section 14 - Transport Information

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	Not Regulated	N/A	N/A	N/A
IATA	Not Regulated	N/A	N/A	N/A

Section 15 - Regulatory Information

Prepared according to US OSHA 29CFR 1910.1200 regulations.
Additional regulatory listings, where applicable.
SARA 311/312: Yes
See Section 2 of SDS for Hazard Identification. If no hazards are identified, the product is HNOC (Hazard Not Otherwise Classified).

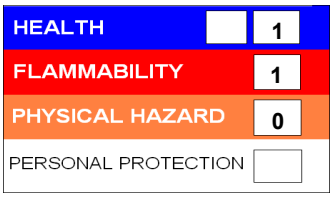
Country	Regulation	All Components Listed

Toxic Substances Control Act (TSCA) Status: All components are listed on the EPA/TSCA Inventory of Chemical Substances.

- None

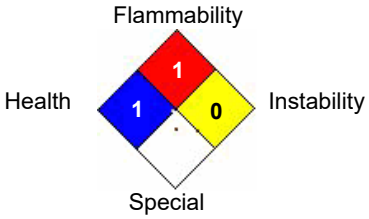
Section 16 - Other Information

Hazardous Material Information System (HMIS)



HMIS & NFPA Hazard Rating Legend
*** = Chronic Health Hazard**
0 = INSIGNIFICANT
1 = SLIGHT
2 = MODERATE
3 = HIGH

National Fire Protection Association (NFPA)



Benz Oil Company has taken all reasonable steps to ensure this data sheet and the information contained in it is accurate as of the date issued. No warranty is made as to the accuracy or completeness of the information in this data sheet. The information stated on this SDS applies only to the intended applications. Do not use this product for any application other than the intended application. Employers are responsible for communicating any hazards and precautions described in this sheet.

Date Prepared: 5/14/2019

Mixing Instructions
for White Sol Coolant

See Specific Instructions for Your Individual Machine A Through D

A. Use two (2) full cups of coolant (16 Oz./473 ml.) in 10 gallons (38 L.) of water for **PRIMEdge HG4CU** & **HG6CU** Hollow Grinder Machines.

B. Use one (1) full cup of coolant (8 oz./237 ml.) in 5 gallons (19 L.) of water for **PRIMEdge HE**7 Edger/Honers.

C. Use one (1) full cup of coolant (8 Oz./ 237 ml.) in 5 gallons (19 L.) of water for **PRIMEdge "TWINS" HG4S** Hollow Grinder and **HE4** Honer/Edger.

D. Use one (1) full cup of coolant (8 Oz./ 237 ml.) in 3/4 gallons (6.6 L.) of water for **PRIMEdge HE2** Sharpening System.

Mixing Instructions
for White Sol Coolant

1. Pour coolant into the tank first. Then add water to the mix.

2. As evaporation occurs, and more water is needed - add appropriate amount of White Sol to keep mixture even.