



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 24-Mar-2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: SEMISPAR HD
Product Number: 2870
Recommended Use: Cutting fluid
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone Numbers:

Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 1
Skin Sensitization: Category 1
Effects on or via Lactation: Effects on or via Lactation:
Aspiration Toxicity: Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Causes skin irritation.
Causes serious eye damage
May cause an allergic skin reaction
May cause harm to breast-fed children
May be fatal if swallowed and enters airways

Precautionary Statements:

Prevention:

Obtain special instructions before use
Do not breathe mist, vapors or spray.
Avoid contact during pregnancy/while nursing
Wash hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product
Wear eye / face protection
Wear protective gloves
Contaminated work clothing should not be allowed out of the workplace
If exposed or concerned: Get medical attention.

Response:

-Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin	IF ON SKIN: Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical attention.
-Ingestion:	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting.
-Specific Treatment:	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
Storage:	Store locked up.
Disposal:	Dispose of contents and container in accordance with local, state and federal regulations.
Hazards Not Otherwise Classified:	Not Applicable
Other Information:	<ul style="list-style-type: none"> • May be harmful if swallowed. • Inhalation of vapors or mist may cause respiratory irritation. • Keep out of reach of children. • NOTE TO PHYSICIAN: • Contains petroleum distillates. Possible aspiration hazard.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
water	7732-18-5	15-40
petroleum distillates	64742-52-5	10-30
sodium petroleum sulfonate	68608-26-4	3-7
chlorinated paraffin	85535-85-9	3-7
distilled tall oil	8002-26-4	1-5
hexahydro-1,3,5-tris (2-hydroxy-ethyl)-s-triazine	4719-04-4	1-5
alcohol ethoxylate	34398-01-1	1-5
oligomeric ester	PROPRIETARY	1-5
ethanol, 2-(2-aminoethoxy)-	929-06-6	1-5
dipropylene glycol monopropyl ether	29911-27-1	1-5
propylene glycol	57-55-6	1-5

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

-Eye Contact:	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin Contact:	Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical attention.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
-Ingestion:	IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Do NOT induce vomiting.
Note to Physicians:	Contains petroleum distillates. Possible aspiration hazard.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Carbon dioxide, Foam, Dry chemical
Specific Hazards Arising from the Chemical:	Thermal decomposition can lead to release of irritating and toxic gases and vapors.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up:	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on Safe Handling:	Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Use personal protective equipment as required. Do not breathe mist, vapors or spray.
Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:	None established.
Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
Personal Protective Equipment	
Eye/Face Protection:	Wear splash goggles.
Skin and Body Protection:	Wear rubber or other chemical-resistant gloves.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling. See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	light brown
Odor:	Mild
pH:	9.5-10.0 (10% emulsion)
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	> 100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F Estimated
Evaporation Rate:	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	No information available.
Upper Flammability Limit:	No information available.
Lower Flammability Limit:	No information available.
Vapor Pressure:	No information available.
Vapor Density:	No information available.
Specific Gravity:	1.00
Solubility(ies):	Miscible in water
Partition Coefficient:	No information available.
Autoignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.

10. STABILITY AND REACTIVITY

Reactivity:	This material is considered to be non-reactive under normal conditions of use.
Chemical Stability:	Stable under normal conditions.
Possibility of Hazardous Reactions:	Not expected to occur with normal handling and storage.
Conditions to Avoid:	Extremes of temperature and direct sunlight.
Incompatible Materials:	Strong oxidizing agents. Strong acids.
Hazardous Decomposition Products:	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
-Skin Contact:	Pain, redness and cracking of the skin. May cause sensitization by skin contact
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea. Potential for aspiration if swallowed.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Chronic Toxicity:	Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral):	4257 mg/kg
ATEmix (dermal):	5273 mg/kg
ATEmix (inhalation-dust/mist):	13.4 mg/l

Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
water 7732-18-5	> 90 mL/kg (Rat)	Not Available	Not Available
petroleum distillates 64742-52-5	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	Not Available
chlorinated paraffin 85535-85-9	= 2000 mg/kg (Rat)	Not Available	Not Available
distilled tall oil 8002-26-4	> 6000 mg/kg (Rat)	Not Available	Not Available
hexahydro-1,3,5-tris (2-hydroxy-ethyl)-s-triazine 4719-04-4	= 763 mg/kg (Rat)	Not Available	Not Available
ethanol, 2-(2-aminoethoxy)- 929-06-6	= 3 g/kg (Rat)	Not Available	Not Available
dipropylene glycol monopropyl ether 29911-27-1	= 1620 µL/kg (Rat)	Not Available	Not Available
propylene glycol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	Not Available

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
petroleum distillates 64742-52-5	Not Available	5000: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	1000: 48 h Daphnia magna mg/L EC50
distilled tall oil 8002-26-4	0.87: 72 h Pseudokirchneriella subcapitata mg/L EC50	5.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static	Not Available	39.7: 48 h Daphnia magna mg/L EC50

ethanol, 2-(2-aminoethoxy)- 929-06-6	160: 72 h Desmodesmus subspicatus mg/L EC50	Not Available	Not Available	190: 48 h Daphnia magna mg/L EC50
propylene glycol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51600: 96 h Oncorhynchus mykiss mg/L LC50 static 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50	Not Available	1000: 48 h Daphnia magna mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT: Not Regulated

Proper Shipping Name: Non Hazardous Product

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

Marine Pollutant: This product contains a chemical which is listed as a severe marine pollutant according to DOT.

IMDG: Not Regulated

Proper Shipping Name: Non Hazardous Product

Marine Pollutant: This product contains a chemical which is listed as a severe marine pollutant according to DOT.

15. REGULATORY INFORMATION

TSCA Status: (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA

Health Hazards: 2

Flammability: 1

Instability: 0

Special: N/A

HMIS

Health Hazards: 2*

Flammability: 1

Physical Hazards: 0

Revision Date: 24-Mar-2017

Reasons for Revision: Section 3, 11 and 14

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet