

SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

Section I - Product & Company Identification

Product identifier

Product name : HYSHEEN

Product form: Liquid

Other means of identification: 0123

Relevant identified uses of the substance or mixture: Petroleum based cleaner

Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

Section II – Hazards Identification

Classification

Flammable Liquids- Category 3

Acute toxicity - Oral Category 4

Skin irritation Category 2

Eye Irritation Category 2B

Aspiration hazard Category 1

Specific target organ toxicity(Single exposure) Narcotic effects, Category 3

Pictogram



Signal Word

Danger

Hazard Statements

Flammable liquid and vapor.

May be fatal if swallowed and enters airways.

Causes skin and eye irritation

Harmful if inhaled.

May cause drowsiness and dizziness

Precautionary Statements – Prevention

Keep away from heat/sparks/open flames/hot surfaces- No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting/equipment.
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Wear protective gloves/protective clothing/eye protection/face protection.
Use only in a well ventilated area.
Avoid breathing mist/vapor/spray.

Precautionary Statements – Response

IN CASE OF FIRE: Consider carbon dioxide, dry chemical or alcohol resistant foam to extinguish.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.
Take off contaminated clothing and wash before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

Precautionary Statements – Storage

Store locked up. Store in a well ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Section III –Composition/Information on ingredients

Mixture

| Name | CAS No. | Weight % |
|---|----------------|-----------------|
| Hydrotreated middle distillates (petroleum) | 64742-46-7 | 40-50 |
| Hydrotreated light distillates (petroleum) | 64742-47-8 | 50-60 |

Any concentration shown as a range is to protect confidentiality or is due to process variation.

Section IV – First Aid Measures

First Aid Measures

Inhalation: Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion: Rinse mouth. Call a POISON CENTER or doctor/physician immediately.

Skin Contact: Remove contaminated clothing, wash victim with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms

May cause skin and eye irritation with reddening and watering. May cause drowsiness and dizziness.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians: Treat symptomatically.

Section V – Fire Fighting Measures

Suitable Extinguishing Media

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Carbon oxides

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

Section VI –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

Methods and Material for Containment and Cleaning Up

Methods for Containment: Prevent further leakage or spillage if safe to do so by containing with inert absorbent. Avoid releasing to the environment..

Methods for Cleaning Up: Collect liquid in a sealable, solvent resistant container. Sprinkle inert absorbent compound onto spill, then sweep into a container. Keep in suitable, closed containers for disposal.

Section VII – Handling & Storage

Precautions for Safe Handling

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Section VIII – Exposure Controls/ Personal Protection

Exposure Guidelines

| Chemical Name | CAS # | ACGIH TLV | OSHA PEL | NIOSH |
|---|--------------|---------------------------------------|--------------------------|-----------------|
| Hydrotreated middle distillates (petroleum) | 64742-46-7 | TWA: 5 mg/m ³ | TWA: 5 mg/m ³ | Not established |
| Hydrotreated light distillates (petroleum) | 64742-47-8 | 212 ppm 1200 mg/m ³ 8 h | 500 ppm | Not established |

Appropriate Engineering Controls

Engineering Controls: Provide adequate ventilation, eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Wear approved safety goggles/ face shield where a splash hazard exists.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

Section IX – Physical & Chemical Properties

Information on Basic Physical and Chemical Properties

Physical State Liquid
Color Amber

| <u>Property</u> | <u>Values</u> |
|------------------------------|--------------------|
| pH | No data available |
| Melting Point/Freezing Point | No data available |
| Boiling Point/Boiling Range | No data available |
| Flash Point | 51.7 ° C (125 ° F) |
| Evaporation Rate | No data available |
| Flammability (Solid, Gas) | n/a-liquid |
| Upper Flammable Limits | 5.5 % (V) |
| Lower Flammable Limits | 0.6% (V) |
| Vapor Pressure | No data available |
| Vapor Density | No data available |
| Specific Gravity | 0.80 |
| Water Solubility | Insoluble |
| Solubility in Other Solvents | No data available |
| Partition Coefficient | No data available |
| Autoignition Temperature | No data available |
| Decomposition Temperature | No data available |
| Kinematic Viscosity | No data available |
| Dynamic Viscosity | No data available |
| Explosive Properties | Not an Explosive |
| Oxidizing Properties | No data available |
| Odor | Banana |
| Odor Threshold | No data available |

Section X – Stability & Reactivity

Reactivity

Not expected to be reactive..

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No hazardous polymerization.

Conditions to Avoid

Heat, sparks, flames.

Incompatible Materials

Oxidizing agents, strong acids, peroxides, halogens.

Hazardous Decomposition Products

Carbon dioxide, carbon monoxide, acrid smoke.

Section XI - Toxicological information

Information on Likely Routes of Exposure

Product Information

Inhalation: Avoid breathing vapors or mists. May cause mild irritation of the upper respiratory tract in large doses.

Eye Contact: Causes serious eye irritation

Skin Contact: Causes moderate skin irritation, dry skin, redness..

Ingestion: Harmful if swallowed. May be fatal if swallowed and enters airways.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

| Chemical Name | CAS # | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|------------|-------------------|----------------------|-------------------|
| Hydrotreated middle distillates (petroleum) | 64742-46-7 | >5,000 mg/kg(Rat) | >2,000 mg/kg(Rabbit) | No data available |
| Hydrotreated light distillates (petroleum) | 64742-47-8 | >5,000 mg/kg(Rat) | >2000 mg/kg (Rabbit) | >5.2 mg/1 4 h |

| Chemical Name | Hydrotreated middle distillates (petroleum) | Hydrotreated light distillates (petroleum) |
|--|---|--|
| Skin corrosion/irritation | No effects known | Moderate irritation |
| Serious eye damage/irritation | No effects known | Mild irritation |
| Respiratory or skin sensitization | No data available | Not a sensitizer |
| Mutagenicity | No data available | Negative results |
| Carcinogenicity | Not classified as carcinogen | Not classified as carcinogen |
| Reproductive toxicity | No data available | No data available |
| Specific target organ toxicity-Single exposure | No data available | Narcotic effects. |
| Specific target organ toxicity-repeated exposure | No data available | No data available |
| Aspiration hazard | Aspiration hazard | Aspiration hazard. |

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity: Not determined

Section XII - Ecological information

Ecotoxicity

There is no data available for this product as a whole.

| Chemical Name | CAS # | Algae/aquatic plants | Fish | Aquatic invertebrates |
|---|------------|----------------------|---|--|
| Hydrotreated middle distillates (petroleum) | 64742-46-7 | No data available | No data available | No data available |
| Hydrotreated light distillates (petroleum) | 64742-47-8 | No data available | LC50 - Pimephales promelas (fathead minnow) 45 mg/l - 96 h LC50 Oncorhynchus mykiss: 2.4 mg/l 96 h | LC50-Den-dronereides heteropoda 4720 mg/l 96 h |

Persistence and Degradability

No data available

Bioaccumulation

No data available

Mobility

No data available

Section XIII - Disposal considerations

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

Section XIV - Transport information

DOT Proper Shipping Description:

Non-Bulk: combustible, not regulated

Bulk: NA1993, Compounds, cleaning liquid, N.O.S. (Hydrotreated heavy distillates, hydrotreated light distillates), 3, PGIII

Section XV - Regulatory information

SARA Title III Section 311/312 (40CFR370): Fire and acute health hazard

SARA Title III Section 313 (40CFR372): No reportable components.

RCRA Status (40CFR261.33): No reportable components.

TSCA Inventory Status: Reported/included

OSHA/NTP/IARC Carcinogen Status: Not listed

Canadian DSL Status: Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

U.S. State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Hydrotreated middle distillates (petroleum) | Not listed | Not listed | Not listed |
| Hydrotreated light distillates (petroleum) | NONANE | NONANE | NONANE |

Section XVI - Other information

HMIS ratings: Health: 2 Flammability: 2 Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 07/06/2015 Other information: Author – EHS Administrator

The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

END OF SDS