

SAFETY DATA SHEET

CHAROIL HICKORY DOUBLE POTENCY

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Version: 1.0

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture:

Name: CHAROIL HICKORY DOUBLE POTENCY

Product code: OO

Use of the substance/preparation: Food ingredient

Company/undertaking identification:

Registered company name: Red Arrow Products, a Kerry Business

Address: 633 S. 20th Street, Manitowoc, WI 54220

Telephone: (920) 769-1100 Fax: (920) 769-1281

Email: sds@redarrowusa.com

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Emergency telephone: 800-255-3924

Association/Organization: Chem Tel, Inc. msds@chemtelinc.com

2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Serious eye damage/eye irritation (Category 2B)

Non-Hazardous (Category 3)

Signal Word: Warning



Hazard Statements:

Causes serious eye irritation

Causes mild skin irritation

Precautionary Statements:

Do not get in eyes, on skin, or on clothing

Wash with soap and water

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3 - COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient | CAS Number | EC Number | Percent | Hazardous | Chemical Characterization |
|-------------|------------|-----------|---------|-----------|---------------------------|
| soybean oil | 8001-22-7 | 232-274-4 | <100 | No | vegetable oil |

4 - FIRST AID MEASURES

In the event of exposure by inhalation:

Remove the victim to fresh air. Get medical attention if irritation develops and persists or if breathing is difficult.

In the event of splashes or contact with eyes:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

In the event of splashes or contact with skin:

Wash with soap and water. Remove and launder contaminated clothing.

In the event of swallowing:

Normally first aid not required. However, if ingested, observe victim and seek medical attention if victim starts to feel ill.

5 - FIRE-FIGHTING MEASURES

Listed fire data is for vegetable oils

Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

Explosion: Not expected. Keep containers cool to prevent rupture.

Fire Extinguishing Media: Alcohol resistant foam, carbon dioxide, dry powder or water fog.

Special Information: Product will float on top of water.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear proper personal protective equipment, see section 8. Locate the nearest emergency exit. Monitor the area for exposure limits.

Environmental precautions:

Dike the area to avoid release into the environment. Recovered liquid can be placed into a plastic drum for proper disposal. Contact your local environmental authority. See section 12 for further information.

Methods used for containment/cleanup:

Absorbent booms can be used for a dike for small spills. Clean up with absorbent material such as pads or kitty litter.

7 - HANDLING AND STORAGE

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Safe Handling:

Move product only in tightly sealed containers. Open containers in a well ventilated area with care. Wear proper personal protective equipment, see section 8. In case of insufficient ventilation, wear suitable respiratory equipment. Practice good housekeeping.

Safe Storage:

Store in tightly closed containers (45-75 degrees F).

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit value: for Vegetable oils

OSHA TWA: 5mg/m3

Canada TWA: 3mg/m3

Engineering Controls:

Good general ventilation should be used. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

Respiratory protection:

If exposure level is exceeded, use required respiratory (NIOSH approved organic respirator) to prevent exposure.

Hand protection:

It is a good industrial hygiene practice to minimize skin contact. To avoid repeated contact latex or neoprene gloves should be used.

Eye and face protection:

Where risk of contact exists, wear approved safety goggles.

Skin protection:

Apron and long sleeves are recommended.

9 - PHYSICAL AND CHEMICAL PROPERTIES

| |
|--|
| Odor: Smoky |
| Boiling point °C: Not Applicable |
| Appearance: Golden brown |
| Flash point °C: >100°C |
| Form: Liquid |
| Color: Golden brown |
| Solubility (water) : Insoluble |
| Specific Gravity, g/ml: 0.893 - 0.929 |
| Vapor pressure @ 20°C Pa: <1.0 mmHg |
| Vapor density: >1.0 (air = 1.0) |

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| |
|---|
| Melting point/freezing point °C: Not Applicable |
| Relative density: 0.915 |
| Flammability limit in air, upper % by volume: Not Applicable |
| Flammability limit in air, lower % by volume: Not Applicable |
| Auto-ignition temperature: Not Applicable |
| Bulk Density, g/cc: Not Applicable |

10 - STABILITY AND REACTIVITY

Reactivity:

Not believed to be reactive. Note: rags soaked in vegetable oils have been known to spontaneously combust if not properly stored. Such a risk with this product is minimal. However, soiled rags should be stored in a metal container.

Chemical stability:

Stable

Possibility of hazardous reactions:

None known

Conditions to avoid:

None known

Incompatible materials:

Strong oxidizing agents

Hazardous decomposition products:

Carbon oxides and acrolein upon partial combustion

11 - TOXICOLOGICAL INFORMATION

Potential Health Effects:

None known

Inhalation: None known

Ingestion: None known

Skin Contact: None known

Eye Contact: None known

Chronic Exposure: None known

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Aggravation of Pre-existing Conditions: None known

Specific Target Organ Toxicity - Single Exposure (Global Harmonized System): Not available

Specific Target Organ Toxicity - Repeated Exposure (Global Harmonized System): Not available

Numerical Measures of Toxicity: Not available

| Ingredient | Known | Anticipated | IARC Category |
|------------|-------|-------------|---------------|
|------------|-------|-------------|---------------|

Acute Toxicity:

12 - ECOLOGICAL INFORMATION

Biodegradable

Ecotoxicity: Not expected to be harmful to aquatic organisms.

Persistence and Degradability: No data available

Bioaccumulative Potential: Low

Mobility in Soil: Lateral movement only

Other adverse effects: None known

13 - DISPOSAL CONSIDERATIONS

Waste and Product Packaging:

Treatment or disposal of waste generated by use of this product should be in compliance with local, state, and national requirements. Users are advised to consult with appropriate regulatory agencies before discharge, treatment, or disposal.

14 - TRANSPORT INFORMATION

Land Transportation:

Hazard Class:

ID #

Packing Group: Packing Group III

DOT Regulations:

Not regulated.

Air Transportation:

Not a regulated hazard.

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Marine Pollutant:

Not regulated.

15 - REGULATORY INFORMATION

| | | | | |
|---------------------------------|-----------|-----------------|----------|--------------|
| Chemical Weapons Convention: No | | TSCA 12(b): Yes | | CDTA: No |
| SARA 311/312: | Acute: No | Chronic: No | Fire: No | Pressure: No |
| Reactivity: No | | | | |

16. Other Information

To the best of our knowledge, the information contained herein is accurate. However, neither Red Arrow Products, a Kerry Business, nor any of its subsidiaries or affiliates assume any liability whatsoever for completeness of this SDS or for the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

****END OF SAFETY DATA SHEET****