



nochar, inc.

nature's partner in fire and environmental protection

Nochar Material Safety Data Sheet (SDS)

MSDS No: E-115 TRADE SECRET

Version No: 1-1/15/15

Nochar Inc. 8560 Commerce Parkway, Suite k, Indianapolis, IN 46268
317-613-3046

Emergency Assistance

For emergency assistance involving chemicals call
765-938-3333

MATERIAL SAFETY DATA SHEET (SDS)
NOCHAR'S E-115 TRADE SECRET

1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND THE COMPANY

Product name: **E-115**

Company: Nochar Inc.
8650 Commerce Park Place
Suite K
Indianapolis, IN 46268

Telephone: 317-613-3046
Telefax: 317-613-3052
E-mail: nochar@nochar.com

Emergency information: 765-938-3333

Product Use: Concentrated Gel for firefighting

2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation: Water soluble polymer in emulsion

3. HAZARDS IDENTIFICATION

The product when wet renders surfaces extremely slippery. The product gels in water.

4. FIRST AID MEASURES

Inhalation: No hazards which require special first aid measures.

Skin Contact: Wash off immediately with soap and plenty of water. In case of persistent skin irritation, consult a physician.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation consult a physician.

Ingestion: The product is not considered toxic based on studies on laboratory animals.

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5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water. Foam. Carbon dioxide (CO2). Dry powder. Water spray.

Precautions: The product when wet renders surfaces extremely slippery.

Special protective equipment for firefighters: No special protective equipment required.

Flash Point: Does not flash

Auto ignition temperature: Does not ignite.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special precautions required.

Environmental precautions: As with all chemical products, do not flush into surface waters.

Methods for cleaning up: Do not flush with water Dam up. Soak up with inert absorbent material. Clean up promptly by scoop or vacuum, Keep in suitable, closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Safe handling advice: Avoid contact with skin and eyes. When preparing the working solution ensure there is adequate ventilation

Storage: Keep in a dry, cool place (0 - 30° C). Freezing will effect the physical condition and may damage the material

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mist.

Personal protective equipment:

Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection: Rubber Gloves are recommended.

Eye protection: Safety glasses with side shields. Do not wear contact lenses where this product is used.

Skin and body protection: No special protective clothing required.

Hygiene measures: Wash hands before breaks and at end of workday. Handle in accordance with good industrial hygiene and safety practice.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Viscous liquid

Color: Milky

Odor: Aliphatic

Ph: 6-8 @ 5g/l

Flash point: Not applicable

Flash point: Does not flash

Auto ignition temperature: Does not ignite.

Bulk density: 1.10

Water solubility: Negligible although very miscible

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous polymerization does not occur.

Materials to avoid: Oxidizing agents may cause exothermic reactions.

Hazardous decomposition products: Thermal decomposition may produce Nitrogen oxides (NO_x), Carbon oxides (CO_x)

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: Not toxic. LD50/oral/rat ≥ 5000 mg/kg.

Skin: Not toxic.

Inhalation: The product is not expected to be toxic by inhalation.

Irritation

Skin: May cause skin irritation with susceptible persons.

Eyes: May cause eye irritation with susceptible persons.

Sensitization: Not sensitizing

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12. ECOLOGICAL INFORMATION

Aquatic toxicity

Toxicity to fish: LC50/96 hours \geq 100 mg/l (OECD203).

Toxicity to daphnia: EC50/48 hours \geq 100mg/l (OECD 202).

Toxicity to algae: IC50/Scebedesnys sybsoucatys/72 hours \geq 100 mg/l (OECD 201).

Environmental fate:

Persistence and degradability: Not readily biodegradable.

Hydrolysis: Does not hydrolyze.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: In accordance with local and national regulations.

Contaminated packaging: Can be land filled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations. **DOT, IMDG/IMO, ICAO/IATA.**

15. REGULATORY INFORMATION

This product is not classified as dangerous and need not to be labeled according to EC-DIRECTIVES as amended.

International Inventories:

European Union (EINECS/ELINCS) ; All components of this product are either listed on the inventory or are exempt from listing.

USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.

Canada (DSL): All components of this product are either listed on the inventory or are exempt from listing.

Australia (AICS): All components of this product are either listed on the inventory or are exempt from listing.

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16. OTHER INFORMATION:

Further Information.

NFPA:

Health: 1
Flammability: 1
Instability: 0

HMIS

HEALTH: 1
Flammability: 1
Physical Hazard: 0

ISO 11014-1: Material Safety Data Sheet for Chemical Products.

ANSI Z400.1-2004; Material Safety Data Sheets - Preparation

This information contained herein is based on the data available to us and is believed to be correct. However, the manufacturer makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof, and assumes no responsibility for injury from the use of the product described herein. The manufacturer assumes no liability for incidental, consequential or direct damage of any manner or kind, regardless of cause, including negligence.

California Proposition 65 Information: The manufacturer believes that the law requires us to inform you that detectable amounts of any listed chemicals might be present in the manufacturer's products. Based on a review of the list, the manufacturer's

product, like all synthetic and naturally occurring chemical substances, may conceivably contain trace contaminants of some of the listed substances. While not necessarily added to the manufacturer's product as ingredients, some listed chemicals may be present in the raw materials and received from suppliers over which the manufacturer has no control. Therefore, even though some of the listed substances may not represent a significant risk as defined by the regulations, in order to comply with the California law, the manufacturer feels obligated to make the following statement: This product may contain trace amounts of residual acrylamide.