

Precision Oil Refresher (OR-2400-32) SDSSDS Number: OR-2400-32 Oil Refresher
Hardwood Floor Spray

Revision Date: 1/1/2017

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1**PRODUCT AND COMPANY IDENTIFICATION***Manufacturer*PRETEC USA LLC
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Product Name: Precision Oil Refresher (OR-2400-32) SDS
Revision Date: 2/11/2016
Version: Original
SDS Number: OR-2400-32 Oil Refresher Hardwood Floor Spray
Common Name: Natural Oil
Product Code: OR-2400-32
Product Use: For cleaning and refreshing oiled wood floors

2**HAZARDS IDENTIFICATION***Classification of the substance or mixture*GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
no GHS classifications indicated*GHS Label elements, including precautionary statements*GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.
P273 - Avoid release to the environment.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.
P330 - Rinse mouth.*Hazards not otherwise classified (HNOC) or not covered by GHS*

Route of Entry: Eyes; Ingestion; Skin;
Target Organs: N/A
Inhalation: N/A
Skin Contact: Skin cleaner may be used. Clothing/footwear must be cleaned before use again. Get medical attention if any discomfort occurs.
Eye Contact: May cause irritation.
Ingestion: Give large quantities of milk or water to drink. DO NOT INDUCE VOMITING! Seek Medical advice in case of discomfort or distress.

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NFPA: Health = 0, Fire = 0, Reactivity = 0, Specific Hazard = None

HMIS III: Health = 0, Fire = 0, Physical Hazard = 0



3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
111-42-2	0.025-0.050%	Diethanolamine

Diethanolamine, as used in this product, is well below federal deminimis listing requirements but does require California Prop 65 listing in section 15. The balance of the materials in this product do not constitute health risks.

4 FIRST AID MEASURES

- Inhalation:** No vapors appear at normal working temperature.
- Eye Contact:** May be irritating. Immediately flush eyes (remove contacts) with large amounts of water for at least 5 minutes (preferably using eye wash equipment), lifting eyelids occasionally to facilitate irrigation. Seek medical advice if discomfort or irritation continues.
- Ingestion:** Do NOT induce vomiting or attempt chemical neutralization. Give large quantities of milk or water to drink. DO NOT INDUCE VOMITING. Seek immediate medical attention if discomfort or

If in doubt, seek medical advice. In case of an accident, seek medical advice and, if possible, show the container label and/or this safety data sheet to responders or medical personnel.

5 FIRE FIGHTING MEASURES

- Flammability:** Non-flammable material
- Flash Point:** N/E
- LEL:** N/E
- UEL:** N/E
- Firefighters:** Ground may be slippery where spilled. Cool closed containers with water.

6 ACCIDENTAL RELEASE MEASURES

For non-emergency personnel: If direct exposure or saturation from significant quantities occurs, washing and flushing facilities should be available as a precaution..

Emergency responders: If there is a risk for direct exposure or saturation from this product, wear rubber gloves and a protective suit.

Environmental precautions: Notify proper authorities in case of significant soil or aquatic contamination or discharge to drains. Make a copy of this SDS or product label available to authorities.



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Methods and material for containment and cleanup: Prevent major quantities of spillage from being discharged into storm or sewage systems by banking the spillage with sand or the like and collecting it. Rinse clean with water.

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HANDLING AND STORAGE

Handling Precautions: 7.1. Precautions for safe handling: Avoid contact with eyes and skin. Storage Requirements: 7.2. Conditions for safe storage, including any incompatibilities: The product must be kept away from children. Store in a tightly closed container and in accordance with the current regulations in a dry and well-ventilated place away from food. Keep the material away from oxidizing agents and strong acidic and alkaline substances. 7.3. Specific end use(s): Applications is stated in section 1.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Under normal application conditions, typical residential or commercial ventilation is adequate. Under conditions where a large amount of product is to be applied in a confined space, ventilation, if deemed necessary, should be designed in accordance with OSHA standard (29 CFR 1910.94). Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower as a precaution. Personal Protective Equipment: HMIS PP, A | Clear Diethanolamine (111-42-2) [Between 0.025% and 0.050%] Personal protective equipment Skin protection: Recommend handling with waterproof gloves if skin absorption is expected. Control of environmental exposure: Prevent significant leakage or spillage if safe to do so. Do not let product

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless Physical State: Liquid Odor: Soap Solubility: Soluble in H2O Odor Threshold: N/E Softening Point: N/E Particle Size: Solution Percent Volatile: N/E Spec Grav./Density: 1.00 (+/- .05) Heat Value: N/E Viscosity: 150-200 Sec. 4mm cup Freezing/Melting Pt.: N/E Boiling Point: N/E Flash Point: Non-Flammable Liquid Flammability: Non-Flammable Vapor Density: N/W pH: 8.40-8.70 VOC: N/E

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STABILITY AND REACTIVITY

Reactivity: No information available Chemical Stability: Stable under recommended storage and handling conditions Conditions to Avoid: Strong sunlight Materials to Avoid: No dangerous reaction known by normal use and normal conditions. To prevent heat-generating reactions, keep this product away from oxidizing agents and strong acidic and basic substances Hazardous decomposition: No information available Hazardous Polymerization: No information available

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TOXICOLOGICAL INFORMATION



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Diethanolamine (111-42-2) [Between 0.025% and 0.050%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 710 mg/kg

Inhalation: no data available

LD50 Dermal - rabbit - 12,200 mg/kg

LD50 Intraperitoneal - rat - 120 mg/kg

LD50 Intravenous - rat - 778 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24h (Draize Test)

Serious eye damage/eye irritation: Eyes - rabbit Result: Severe eye irritation - 24h

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

IARC: 2B - Group 2B: Possibly carcinogenic to humans (Diethanolamine)

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KL2975000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Liver - Irregularities - Based on Human Evidence

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ECOLOGICAL INFORMATION

Diethanolamine (111-42-2) [Between 0.025% and 0.050%]

Information on ecological effects

Toxicity:

Toxicity to fish mortality NOEC - Cyprinodon variegatus (sheepshead minnow) - 540 mg/l - 96:h

LC50 - Pimephales promelas (fathead minnow) - 1,460 mg/l - 96 h

Toxicity to daphnia and mortality NOEC - Daphnia magna (Water flea) - < 4.2 mg/l - 11 d.

other aquatic invertebrates

EC50 - Daphnia magna (Water flea) - 55 mg/l - 48 h

Persistence and degradability: Biodegradability Result: > 90 % - Readily biodegradable.

Bioaccumulative potential: no data available

Mobility in soil: no data available

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Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Can be harmful to aquatic life in large quantities.

No other data available.

13**DISPOSAL CONSIDERATIONS**

Diethanolamine (111-42-2) [Between 0.025% and 0.050%]

Waste treatment methods

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

14**TRANSPORT INFORMATION**

Non hazardous - not regulated

Transport in bulk in accordance with Annex II of MARPOL73/78 and the IBC code

15**REGULATORY INFORMATION**

Component (CAS#) [%] - CODES

RQ(100[LB]), Diethanolamine (111-42-2) [Between 0.025% and 0.050%] CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

Diethanolamine

CAS-No.

111-42-2 [Between 0.025% and 0.050%]

Revision Date

2011-07-01

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Diethanolamine [Between 0.025% and 0.050%]

CAS-No.

111-42-2

Revision Date

2011-07-01

Pennsylvania Right To Know Components

Diethanolamine [Between 0.025% and 0.050%]

CAS-No.

111-42-2

Revision Date

2011-07-01

New Jersey Right To Know Components

Diethanolamine [Between 0.025% and 0.050%]

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California Prop. 65 Components

WARNING! This product contains a chemical known to the State of California to cause cancer.

Diethanolamine [Between 0.025% and 0.050%]

CAS-No.

111-42-2

Revision Date

2012-07-20

Regulatory CODE Descriptions

RQ = Reportable Quantity

CERCLA = Superfund clean up substance

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

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