# SECTION 1 – IDENTIFICATION OF THE SUBSTANCE AND MANUFACTURER

**1.1 Product Identifier**  Pour-N-Restore Oil Stain Remover

**Product Code**  PNR16OZ, PNR32OZ, PNR01GL, PNR55GL

**SDS#**  PNR2015v1

**SDS Date** 4/28/2015

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use Multi-Surface Oil Stain Removal

Uses Advised Against Usage in enclosed spaces or with poor ventilation

1.3 Details of the Supplier of the Substance or Mixture

**Manufacturer/Preparer** Edgewater Industries

18570 Trimble Court

Spring Lake, MI 49456

**1.4 Emergency Telephone Number**

**Emergency Spill Information** ChemTrec: U.S.A.: 800-424-9300

International: +1-703-527-3887

**Other Product Information** 1-800-235-8324

# SECTION 2 – HAZARDS IDENTIFICATION / EXPOSURE LIMITS

**2.1 Classification of the Substance or Mixture**

**CLP/GHS Classification (1272/2008)**

|  |  |  |
| --- | --- | --- |
| **Physical:** | **Health:** | **Environmental** |
| None | Skin Irritant  Eye Irritant | Limited Quantity |

**2.2 GHS Required Label Elements**

|  |  |  |
| --- | --- | --- |
| **Pictograms** | **Hazard Statements** | **Category** |
| No Pictogram Required  No Pictogram Required | WARNING: Causes mild skin irritation (H316)  WARNING: Causes eye irritation (H320) | Category 3  Category 2B |

**Precautionary Phrases**

|  |  |
| --- | --- |
| P102 | Keep out of the reach of children. |
| P103 | Read label before use. |
| P261 | Avoid breathing of vapors. |
| P262 | Do not get in eyes, on skin, or on clothing. |
| P264 | Wash thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |

**2.3 Other Hazards:**

None

**2.4 Other Classifications**

|  |  |
| --- | --- |
| **HEALTH:** | **1** |
| **FLAMMABILITY:** | **0** |
| **PHYSICAL HAZARD:** | **0** |
| **PERSONAL PROTECTION:** | **B** |

EU Classification (67/548/EEC): Xi R36, R38

# SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

**3.1 Substances**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical Name** | **CAS Number / EINICS Number / REACH Reg. Number** | **% (wt)** | **EU Classification (67/548/EEC)\*** | **CLP/GHS Classification (1272/2008)** |
| d-Limonene | 5989-27-5 227-813-5 | <4% | Xi, N R10, R38, R43, R50/53 | Flammable Liquid Category 3 (H226) Skin Irritant Category 2 (H315)  Aquatic Acute Toxicity Category 1 (H410) |
| Proprietary pH Modifier | Proprietary | <0.5% | C, Xi, R34, R37 | Skin Corrosion Category 1 Eye Damage Category 1 STOT SE 3 |
| Proprietary Surfactants | Proprietary | <20% |  |  |
| Proprietary Emulsifiers | Proprietary | <20% |  |  |
| Proprietary Particulates | Proprietary | <25% |  |  |
| Water | 7732-18-5 215-185-5 | >65% |  |  |

\* Risk phrases for components are not always relevant to this product

# SECTION 4 – FIRST AID MEASURES

**4.1 Description of Necessary First Aid Measures**

**After eye contact:** Immediately flush eyes with eyewash solution or water (for 10 minutes). See an oculist.

**After skin contact:** Rinse with running water and soap. Apply oil replenishing cream.

**After inhalation:** Seek medical advice if significant amounts of dust inhaled.

**After ingestion:** Rinse mouth and throat. Drink 1-2 glasses of water if conscious. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed.**

Drying of skin from contact potentially causing skin irritation. No history of other effects.

**4.3 Indication of any immediate medical attention and special treatment needed**

None known. If any unusual symptoms appear, seek medical advice.

# SECTION 5 – FIRE-FIGHTING MEASURES

**5.1 Extinguishing Media**

Not applicable, material will not burn.

**5.2 Special hazards arising from the substance or mixture**

None known.

**5.3 Advice for firefighters**

No particular or special measures required.

# SECTION 6 – ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

- Avoid contact with skin and eyes, do not breath dust.

- Danger of slipping on spilled product.

- Wear gloves to avoid skin contact. Wear goggles if potential splashing while cleaning up.

**6.2 Environmental precautions**

- Material in normal packages does not pose environmental issue.

**6.3 Methods and materials for containment and cleaning up**

- Allow to dry and sweep up. Use caution if walking in or near as material may create slippery areas.

**6.4 Reference to other sections**

- Section 8

# SECTION 7 – HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Do not get in eyes, on skin, or on clothing. Be aware of slippery nature of material on floor. Do not breathe dust or vapors. Keep container closed. Promptly clean up spills to avoid slipping. Wash hands thoroughly after handling product.

**7.2 Conditions for safe storage, including any incompatibilities**

Store at temperatures below 70°F (21°C) in a cool, dry area away from sources of ignition or excessive heat. Keep away from reactive materials such as acids or ammonia. Storage containers should not be made from aluminum. Keep container tightly closed and in a well ventilated place.

**7.3 Specific end use(s)**

Degreasing of oil-base stains on surfaces.

# SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**8.1 Control Parameters**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Chemical Name** | **US OEL** | **EU IOEL** | **UK OEL** | **Germany OEL** |
| d-Limonene | None Established | None Established | None Established | 5 ppm TWA  20ppm STEL |

Refer to local or national authority for exposure limits not listed above.

|  |  |
| --- | --- |
| **Chemical Name** | **Biological Limit Value** |
| d-Limonene | None Established |

**8.2 Exposure Controls**

ENGINEERING CONTROLS: Use only with adequate ventilation. Keep containers closed. Eye wash station or similar equipment should be available during use. Warn potential by passers of slippery nature of the product using sign or fencing. Eliminate all possible sources of ignition.

RESPIRATORY PROTECTION: Use a NIOSH-approved dust respirator where dust occurs. Keep adequate ventilation and air circulation during usage.

SKIN PROTECTION: Avoid skin contact. People with allergies or preexisting skin conditions should avoid contact with this product. Wear adequate body and extremity protective clothing during potential excessive contact.

EYE PROTECTION:Avoid eye contact. Wear chemical goggles.

# SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic Physical and Chemical Properties**

Appearance: White, slightly viscous, batter-like, pourable emulsion.

Odor: Terpene, citrus odor

Odor Threshold: Not determined

pH: 7.5

Boiling Point: <100°C

Flash Point: >61°C (141°F)

Explosive properties: Unknown

Oxidizing properties: none

Vapor pressure: > water

Relative density: < water

Solubility in water: miscible

Partition coefficient: Unknown

Vapor density: < air

Evaporation rate: > water

Color: White

**9.2 Other information**

Mean Corrositex® Time: Unknown, non-corrosive

# SECTION 10 – STABILITY AND REACTIVITY

**10.1 Reactivity**

This material is not reactive under normal conditions.

**10.2 Chemical Stability**

Stable

**10.3 Possibility of Hazardous Reactions**

None known

**10.4 Conditions to Avoid**

Avoid temperatures over 120°F (46°C).

**10.5 Incompatible Materials**

Strong oxidizing agents and acidic agents. Polymerization catalysts such as aluminum chloride and acidic clays.

**10.6 Hazardous Decomposition Products**

Smoke may be acrid and fume irritating. Burning generates CO, CO2 and smoke.

# SECTION 11 – TOXICOLOGICAL INFORMATION

**11.1 Information on Toxicological Effects**

**Potential Health Effects:**

**Eye Contact:** May cause mild eye irritation. Ocular irritation test performed and results list product as a Mild Irritant.

**Skin Contact:** May cause slight irritation in some individuals. Dermal irritation test performed and results list product as a Non-irritant.

**Inhalation:** May cause slight irritation in some individuals.

**Ingestion:** Slight irritation to gastrointestinal tract possible. The acute oral toxicity of this product has not been tested.

**Acute Toxicity:**  A minor component of this product was tested at LD50 > 5g/kg, rat. Long-term exposure limit (8-hour TWA) for cyclohexene is 300ppm or 1020mg/m3. Cyclohexene (CAS: 110-83-8) is believed to be similar to Terpene Hydrocarbons used in producing this product. No exposure listings were posted for CAS: 5989-27-5 in Table 2 of HSE book EH40/2002 Occupational Exposure Limits for 2002

d-Limonene: LD50 oral rat 3600 mg/kg; LC50 dermal rabbit 5000 mg/kg

**Sub-Chronic Data**: This product does not contain any substances that are considered by OSHA, NTP, IARC or ACGIH to be “probable” or “suspected” human carcinogens.

# SECTION 12 – ECOLOGICAL INFORMATION

**12.1 Toxicity**

- none known, especially in such limited amounts as consumer usage.

**12.2 Persistence and degradability**

- material will biodegrade rapidly and is very chemically inert.

**12.3 Bioaccumulative potential**

- none known

**12.4 Mobility in soil**

- expected low to nil

**12.5 Results of PBT**(persistent, bioaccumulative and toxic) **and/or vPvB** (very persistent and very bioaccumulative) **assessment.**

- no data to suggest PBT or vPvB risk.

**12.6 Other adverse effects**

- Components of this product are generally considered to become chemically inert or biodegradable in the environment. Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

# SECTION 13 - DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**

- Landfill solids in accordance with federal, state and local regulations.

**13.2 Classification**

- Dried waste is not hazardous as defined by RCRA (40 CFR 261). Other state and local regulations may vary. Consult local agencies as needed. . Used material, which has become contaminated, may have significantly different characteristics based on the contaminant and should be evaluated accordingly.

# SECTION 14 – TRANSPORT INFORMATION

**14.1 UN Number** Not Applicable

**14.2 UN Proper Shipping Name** Water-base Cleaning, Scouring or Washing Compound

**14.3 Transport hazard class(es)** Not hazardous

**14.4 Packing Group** not applicable

**14.5 Environmental hazards** None relative to the amounts involved

**14.6 Special precautions for user** Keep bottles sealed.

**14.7 Transport in bulk according to** Not applicable

**Annex II of MARPOL73/78 and**

**IBC Code**

**14.8 Additional Information**

**IMDG Packaging Instruction(s):** Normal Regulations

**IMDG Emergency Schedule:**  3-07

**IMDG Limited Quantity:** Not Applicable

**IMDG Special Labeling:** None known

# SECTION 15 – REGULATORY INFORMATION

**15.1 Safety, health and environmental regulation specific for the substance or mixture**

**EEC (EINECS) No:** Mixture / Not Listed

**TSCA** (Toxic Substances Control Act of 1976, USA)

All substances are TSCA listed.

**EPCRA** (Emergency Planning and Right to Know Act, USA, 40 CFR 372.45:

This product does not contain substances that are subject to the reporting requirements of section 313 Title III SARA of 1986 and 40 CRF part 372.

**California Proposition 65** (Chemicals known to cause cancer or reproductive toxicity, Sept. 2, 2011 revision, USA):

This product does not contain any of the listed substances.

**RoHS:** This product does not contain any lead, cadmium, mercury, chromium, PBB’s, or PBDE’s, and complies with European RoHS regulations.

**Approved Code of Practice:** The Control of Substances Hazardous to Health.

**WHMIS Ingredient List:** Listed Ingredient: Terpene (d-Limonene)

**15.2 Chemical safety assessment**

This mixture has been evaluated by the manufacturer and engineering staff to be a consumer friendly and effective product for the removal of oil based stains from concrete, wood and other surfaces. Historical use of this product and similar versions, indicate that there are very minimal, if any, risks to health and the environment when properly used.

# SECTION 16 – OTHER INFORMATION

Prepared by: Scott Wilbur

Date Issued/Revised: 04/28/2015

Sources of key data: http://www.unece.org/fileadmin/DAM/trans/danger/publi/ghs/ghs\_rev02

http://echa.europa.eu/information-on-chemicals

OEHHA Proposition 65 Website

CHIP3 and OSHA-HCS Approved Code of Practice

Carriage of Dangerous Goods by Road (CD-ROM)

IMDG Code on CD-ROM Version 5.1 (2001)

Proprietary Raw Material Supplier MSDS

Approved Supply List (Seventh Edition)

**R-phrases used in this SDS:**

R10: Flammable.

R34: Causes burns.

R36: Irritating to eyes.

R37: Irritating to respiratory system.

R38: Irritating to skin.

R43: May cause sensitization by skin contact.

R50/53: Very harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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