1. Product and company identification

- **Common name**: ROYCO 950
- **MSDS#**: EH1123
- **MILSPEC#**: Mil-PRF-7024 Type II
- **Material use**: Corrosion inhibitor.
- **In case of emergency**: CHEMTREC: 800-424-9300 (United States), CANUTEC (613) 996-6666 (Canada)
- **MSDS authored by**: Kemika XXI Inc. + 1-450-435-7475
- **Date of issue**: 02/14/2006

2. Hazards identification

- **Physical state**: Liquid (Clear.)
- **Odor**: Hydrocarbon.
- **Color**: Colorless.
- **Hazard status**: This material is classified hazardous under OSHA regulations in the United States, the WHMIS Controlled Product Regulation in Canada, the NOM-018-STPS-2000 in Mexico and Brazil NBR 14725:2001.
- **Emergency overview**: WARNING! CAUSES EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA. COMBUSTIBLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. Avoid contact with skin and clothing. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>70 - 100</td>
</tr>
</tbody>
</table>
4. First aid measures

**Eye contact**
- Check for and remove any contact lenses. In case of contact, immediately flush skin with plenty of water for at least 20 minutes while removing contaminated clothing and shoes. Get medical attention if irritation occurs.

**Skin contact**
- Wash with soap and water. Get medical attention if irritation occurs.

**Inhalation**
- If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.

**Ingestion**
- Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

**Notes to physician**
- Not available.

**Protection of first-aiders**
- No action shall be taken involving any personal risk or without suitable training.

5. Fire-fighting measures

**Flammability of the product**
- Combustible.

**Products of combustion**
- The final products of combustion are carbon oxides and water. Nitrogen, sulfur and metal oxides may also be produced in some cases.

**Extinguishing media**
- **Suitable**: Use dry chemical, carbon dioxide, water spray (fog) or foam.
- **Not suitable**: Do not use water jet.

**Special exposure hazards**
- Flammable liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

**Special protective equipment for fire-fighters**
- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Special remarks on fire hazards**
- Container explosion may occur under fire conditions or when heated. Cool closed containers exposed to fire with water.

6. Accidental release measures

**Personal precautions**
- Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment. Do not touch or walk through spilled material.

**Environmental precautions**
- Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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**Date of issue**: 02/14/2006
Methods for cleaning up: If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion-proof means to transfer material to a sealable, appropriate container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. Handling and storage

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.

Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

8. Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Product name</th>
<th>United States</th>
<th>Canada</th>
<th>Mexico</th>
<th>Brazil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stoddard Solvent</td>
<td><strong>Exposure limits</strong></td>
<td><strong>Exposure limits</strong></td>
<td><strong>Exposure limits</strong></td>
<td><strong>Exposure limits</strong></td>
</tr>
<tr>
<td></td>
<td><strong>ACGIH TLV (United States, 1/2005).</strong></td>
<td><strong>ACGIH TLV (Canada, 1/2005).</strong></td>
<td><strong>NOM-010-STPS (Mexico, 9/2000).</strong></td>
<td><strong>ACGIH TLV (Canada, 1/2005).</strong></td>
</tr>
<tr>
<td></td>
<td>TWA: 525 mg/m³ 8 hour(s). Form: All forms.</td>
<td>TWA: 525 mg/m³ 8 hour(s). Form: All forms.</td>
<td>CCT: 1050 mg/m³ 15 minute(s). Form: All forms.</td>
<td>TWA: 525 mg/m³ 8 hour(s). Form: All forms.</td>
</tr>
<tr>
<td></td>
<td>TWA: 100 ppm 8 hour(s). Form: All forms.</td>
<td>TWA: 100 ppm 8 hour(s). Form: All forms.</td>
<td>CCT: 200 ppm 15 minute(s). Form: All forms.</td>
<td>TWA: 100 ppm 8 hour(s). Form: All forms.</td>
</tr>
<tr>
<td></td>
<td><strong>NIOSH REL (United States, 12/2001).</strong></td>
<td><strong>ACGIH TLV (United States, 12/2001).</strong></td>
<td>CPT: 523 mg/m³ 8 hour(s). Form: All forms.</td>
<td><strong>ACGIH TLV (Canada, 1/2005).</strong></td>
</tr>
<tr>
<td></td>
<td>CEIL: 1800 mg/m³ 15 minute(s). Form: All forms.</td>
<td>CEIL: 1800 mg/m³ 15 minute(s). Form: All forms.</td>
<td>CPT: 100 ppm 8 hour(s). Form: All forms.</td>
<td>TWA: 100 ppm 8 hour(s). Form: All forms.</td>
</tr>
<tr>
<td></td>
<td>TWA: 350 mg/m³ 10 hour(s). Form: All forms.</td>
<td>TWA: 350 mg/m³ 10 hour(s). Form: All forms.</td>
<td><strong>OSHA PEL (United States, 8/1997).</strong></td>
<td>TWA: 500 ppm 8 hour(s). Form: All forms.</td>
</tr>
<tr>
<td></td>
<td>TWA: 2900 mg/m³ 8 hour(s). Form: All forms.</td>
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<td>TWA: 2900 mg/m³ 8 hour(s). Form: All forms.</td>
<td>TWA: 500 ppm 8 hour(s). Form: All forms.</td>
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</tbody>
</table>

Engineering measures: Use only with adequate ventilation. If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Personal protection

Date of issue: 02/14/2006
Eye protection : Safety glasses with side shields.
Skin protection/Body : Not applicable.
Respiratory protection : Not applicable.
Hand protection. : Natural rubber (latex).

Personal protection in case of a large spill : Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear. Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

9. Physical and chemical properties

Physical state : Liquid (Clear.)
Color : Colorless.
Odor : Hydrocarbon.
Specific gravity : 0.77 (Water = 1)
Flash point : Closed cup: 40°C (104°F). (Tagliabue.)

10. Stability and reactivity

Stability and reactivity : The product is stable.
Conditions of instability : None known.
Incompatibility with various substances : Reactive with oxidizing materials.
Hazardous polymerization : Will not occur.
Conditions of reactivity : None known.

11. Toxicological information

Acute Effects
Eyes : Irritating to eyes.
Skin : Irritating to skin.
Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Potential chronic health effects : Carcinogenic effects: Not applicable.
 Mutagenic effects: Not applicable.
 Teratogenic effects: Not applicable.
Target organs : Contains material which causes damage to the following organs: kidneys, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.

12. Ecological information

Environmental precautions : No known significant effects or critical hazards.
Products of degradation : The final products of biodegradation are carbon oxides and water. Nitrogen and sulfur oxides and metal salts may also be produced in some cases.

Date of issue : 02/14/2006
13. Disposal considerations

**Waste disposal**: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

<table>
<thead>
<tr>
<th>NAERG</th>
<th>Proper shipping name</th>
<th>Class</th>
<th>UN number</th>
<th>PG</th>
<th>Label</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UN / IMDG / IATA Classification</td>
<td>PETROLEUM DISTILLATES, N.O.S.</td>
<td>3</td>
<td>UN1268</td>
<td>III</td>
</tr>
</tbody>
</table>

**DOT Classification**

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<td>III</td>
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**TDG Classification**

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<td>UN1268</td>
<td>III</td>
</tr>
</tbody>
</table>

15. Regulatory information

**United States**

- **HCS Classification**: Combustible liquid
- **Irritating material**
- **Target organ effects**

**U.S. Federal regulations**

- **TSCA 8(b) inventory**: All components listed.
- **SARA 302/304/311/312 extremely hazardous substances**: No products were found.
- **SARA 302/304 emergency planning and notification**: No products were found.
- **SARA 302/304/311/312 hazardous chemicals**: Stoddard Solvent
- **SARA 311/312 MSDS distribution - chemical inventory - hazard identification**: Stoddard Solvent: Fire hazard, Immediate (acute) health hazard
- **Clean Water Act (CWA) 307**: No products were found.
- **Clean Water Act (CWA) 311**: No products were found.
- **Clean Air Act (CAA) 112 accidental release prevention**: No products were found.
- **Clean Air Act (CAA) 112 regulated flammable substances**: No products were found.
- **Clean Air Act (CAA) 112 regulated toxic substances**: No products were found.

**State regulations**

- **Pennsylvania RTK**: Stoddard Solvent: (generic environmental hazard)
- **Massachusetts RTK**: Stoddard Solvent
- **New Jersey**: Stoddard Solvent
- **California prop. 65**: No products were found.

**Canada**

- **WHMIS (Canada)**: Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F). Class D-2B: Material causing other toxic effects (Toxic).

Date of issue: 02/14/2006
This product has been classified in accordance with the hazard criteria of the Canadian CPR, the United States OSHA, the Mexican NOM -018-STPS-2000 and the Brazilian NBR 14725:2001. This MSDS contains all the information required by the CPR, OSHA, the American National Standard Institute (ANSI) Z400.1, NOM -018-STPS-2000 and NBR 14725:2001.

International lists : This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

CAUSES EYE AND SKIN IRRITATION. CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, RESPIRATORY TRACT, SKIN, CENTRAL NERVOUS SYSTEM, EYE, LENS OR CORNEA. COMBUSTIBLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE.

Hazardous Material Information System (U.S.A.) : HMIS RATING

<table>
<thead>
<tr>
<th>Health</th>
<th>Fire hazard</th>
<th>Physical Hazard</th>
<th>Personal protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>0</td>
<td>B</td>
</tr>
</tbody>
</table>

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

See section 8 for more detailed information on personal protection.


To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of 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.