

38110

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**MATERIAL SAFETY DATA SHEET**

333 Hollenbeck St.  
Rochester NY 14621  
Information: 716-336-2200

Emergency Phone:  
INFOTRAC: 1-800-535-5053  
OUTSIDE US: 1-352-323-3500

**PRODUCT NAME:** 136 KARE-N-SHINE, Natural Citrus Stainless Steel Cleaner

REVISION DATE: 08/15/2000 REVISION NUMBER: 1  
DATE PRINTED: 07/20/2001 PREPARED BY: Walter Friedlander

**1. CHEMICAL PRODUCT**

MSDS FORM NUMBER: 7180  
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 1/1  
Fire: 0/0  
Reactivity: 0/0  
Special/Protective A  
Equipment:

**2. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous Components**

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT
Mineral spirits 64742-88-7	10 - 30	100	PPM	100	PPM
Propellant - isobutane 75-28-5	5 - 10	800	PPM	800	PPM
PROPANE 74-98-6	1 - 5	Asphyxiant	NA	1000	PPM

**3. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (F): 212 F (C) NA  
VAPOR PRESSURE: 37 +/- 5  
VAPOR DENSITY (AIR=1): > 1  
Solubility in Water: COMPLETE  
SPECIFIC GRAVITY: 0.845  
VOC Content (%): 225 g/l VOC  
EVAPORATION RATE: NE  
PH: 7 +/- 0.5  
Appearance and Odor: Opaque white. Liquid. Citrus odor.

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (F): None (0") (C): NA

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**INGESTION:** DO NOT INDUCE VOMITING. Get immediate medical attention. **SKIN:** Wash with soap and water. Get medical attention if irritation persists. **INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

<b>7. HANDLING AND STORAGE</b>
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**SPILL PROCEDURES:**

**SMALL SPILLS:** Pick up with absorbant material.

**LARGE SPILLS:** Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

**WASTE DISPOSAL METHODS:**

Dispose in accordance with Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Avoid contact with eyes, skin and clothing. Store in a cool, dry area. Do not breathe mist or vapors. Do not store near heat, sparks or flame. Keep container closed when not in use.

**OTHER PRECAUTIONS:**

Read and follow label instructions. Keep out of reach of children.

<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**EXPOSURE CONTROLS:**

Use in a well ventilated area.

**RESPIRATORY PROTECTION:**

None normally required. Use in a well ventilated area. Use NIOSH approved organic vapor respirator as needed if spray mist or vapors exceed PEL or TLV.

**PROTECTIVE GLOVES:**

Chemical resistant gloves. Neoprene. Rubber gloves.

**EYE PROTECTION:**

Goggles. Safety Glasses. Face shield.

**OTHER PERSONAL PROTECTION**

None required. Appropriate protective clothing as needed

**EQUIPMENT:**

to prevent skin contact. Rubber apron. Rubber boots.

**VENTILATION:**

General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*

### 136 KARE-N-SHINE, Natural Citrus Stainless Steel Cleaner

**METHOD:** ASTM D-3065

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemicals, Foam.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray. Do not allow runoff to enter sewers or public watercourses.

## 5. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** Carbon Monoxide. Carbon Dioxide. Smoke. Soot.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids. Alkalines. Amines. Oxidizing materials.

**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight. Keep away from heat, sparks and flame. Avoid any source of ignition.

## 6. HAZARDS IDENTIFICATION

### EFFECTS FROM ACUTE EXPOSURE:

#### **INGESTION:**

Harmful if swallowed. Aspiration of ingested or vomited liquid into the lungs may cause chemical pneumonia, which can be fatal.

#### **SKIN CONTACT:**

May cause moderate skin irritation. Prolonged contact may lead to irritation and dermatitis.

#### **INHALATION:**

May be harmful if inhaled. Inhalation of spray mists irritating to nose and throat; possible nausea, dizziness. May cause Central Nervous System effects.

#### **EYE CONTACT:**

May cause moderate eye irritation.

#### **CHRONIC EFFECTS:**

Central nervous system disorders. Dermatitis.

#### **EFFECTS/CARCINOGENICITY:**

None listed under OSHA, IARC, or NTP.

#### **ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

### EMERGENCY AND FIRST AID MEASURES: