



7818 DEPOT Lne, TAMPA, FL 33637

FOR 24 HOUR EMERGENCY: CALL CHEM-TEL 1-800-255-3924

INTERNATIONAL: (813) 248-0573

FOR INFORMATION: (813) 988-4910

C.A.S. NO.: Mixture Proprietary

REVISION DATE: May 7, 2003

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

TRADE NAME: Citrus Spray & Wipe All Purpose Cleaner

PROPER SHIPPING NAME: N/A

UN ID NO.: N/A

CLASS: N/A

LABEL REQUIRED: None

PACKING GROUP: N/A

2. INFORMATION ON HAZARDOUS INGREDIENTS

MATERIAL

C.A.S. NO.

PEL

TLV/TWA

TLV/STEL

This product contains no ingredients which are required to be listed by OSHA per 29 CFR 1910.1200. This Material Safety Data Sheet was made in part by information obtained from the manufacturers of some of the ingredients of this product.

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYES: Eye contact with product may cause irritation.

SKIN: Skin contact may cause irritation. Prolonged or repeated contact may cause drying, defatting and dermatitis of skin.

INHALATION: Inhalation of concentrated amounts of this product may cause irritation, burns, dizziness, weakness, headache, nausea, vomiting, coughing, chest pain, choking and breathing difficulty.

INGESTION: Ingestion may cause vomiting, headache, burns, chest pain, nausea pain and excess fluid retention (edema).

4. FIRST AID MEASURES

EYES: Remove contact lenses at once. Flush with water for at least 15 minutes while holding eyelids apart to ensure flushing of the entire surface. If irritation develops, seek medical attention.

SKIN: Immediately wash skin with copious amounts of soap and water. Follow by flushing the skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. If irritation develops, seek medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, administer oxygen. Call a physician.

INGESTION: DO NOT INDUCE VOMITING. Seek medical attention immediately. Rinse mouth with water. Dilute stomach contents by drinking water. Do not leave victim unattended. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs.

5. FIRE FIGHTING MEASURES

FLASH POINT: Non-Combustible.

FLAMMABLE LIMITS: N/A

EXTINGUISHING MEDIA: This product is non-combustible. When involved in a fire, does not contribute any unusual hazards. Use extinguishing media appropriate for surrounding areas.

SPECIAL FIRE FIGHTING PROCEDURE: As in any fire, wear a self-contained positive-pressure breathing apparatus, (NIOSH/MSHA approved or equivalent) and full protective gear.

UNUSUAL FIRE EXPLOSION HAZARD: Extinguish all nearby sources of ignition. Keep all drums cool by water spray to prevent rupture due to steam build up. Floor may become slippery if material is released.

AUTO IGNITION TEMPERATURE: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N.D.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Wipe up small spills and drips. Dispose into approved container for disposal.

LARGE SPILLS: Dike and absorb with inert material such as vermiculite. Transfer to approved containers for proper disposal.

Dispose of all waste according to federal, state and local regulations.

CAUTION: Slippery on floor.

7. HANDLING AND STORAGE

Keep containers closed when not in use. Protect containers from abuse and damage. Protect from extreme temperatures.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not normally required. If vapor concentrations become high, use a NIOSH approved respirator.

VENTILATION REQUIREMENTS: Local exhaust should be adequate. Mechanical ventilation otherwise recommended if necessary.

EYE PROTECTION: Oil resistant goggles.

SKIN PROTECTION: Oil resistant gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >212° F.

VAPOR PRESSURE (MM Hg): N.D.

SPECIFIC GRAVITY (H₂O = 1): 1.01

DENSITY (LB/GAL): 8.5

PERCENT VOLATILE BY VOLUME (%): 100

MELTING POINT: N/A

EVAPORATION RATE: Medium/Fast

SOLUBILITY IN WATER: Infinite

pH: 11.5 to 12

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

HAZARDOUS POLYMERIZATION: None described.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke may be acrid and fume irritating. Burning generates carbon monoxide, carbon dioxide and smoke.

KEEP AWAY FROM: Amphoteric metals, inorganic acids and metals and/or metal blends. Contact with some metals can generate explosive hydrogen gas. Avoid contact with amphoteric metals which include aluminum, copper, zinc and brass. Avoid temperatures over 115° F.

11. TOXICOLOGICAL INFORMATION

ACUTE EYE IRRITATION: Eye irritation, rabbit, Severely irritating.

ACUTE SKIN IRRITATION: Skin irritation, rabbit, Severely irritating.

DERMAL TOXICITY: LD50 ->5 g/kg, rabbit

ACUTE RESPIRATORY IRRITATION: No test data found for product.

ACUTE INHALATION TOXICITY: No test data found for product.
ACUTE ORAL TOXICITY: LD50 ->5 g/kg, rat.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Product may be toxic to aquatic organism.

13. DISPOSAL CONSIDERATIONS

Solids must be disposed of in a permitted waste management facility. Recovered liquids may be reprocessed or incinerated. Incineration must be handled in a permitted hazardous waste management facility. Dispose of material in accordance with all federal, state and local regulations. Local regulations may be more stringent than federal or state.

14. TRANSPORTATION INFORMATION

Non-Hazardous

15. REGULATORY INFORMATION

D-Limonene

INVENTORY	STATUS
United States (TSCA)	Listed on the inventory.
Canada (DSL)	Listed on the inventory.
European Union (EINECS)	Listed on the inventory.
Australia (AICS)	Listed on the inventory.
Japan (MITI)	Listed on the inventory.
South Korea (KECL)	Listed on the inventory.

Sodium Metasilicate: No information available.

16. OTHER INFORMATION

HEALTH	FLAMMABILITY	REACTIVITY	SPECIAL HAZARD
1	0	1	

(Degree of hazard: 0 = No Hazard, 4 = Severe Hazard)

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

< = Less Than
> = More Than

N/A = Not Applicable or Not Available

ND = Not Determined