

MATERIAL SAFETY DATA SHEET

7/12/05

CARROLL COMPANY
EMERGENCY TELEPHONES

2900 West Kingsley Road
Infotrac 24 Hours

Garland, TX 75041
1-800-535-5053

1-972-278-1304
1-800-527-5722

SECTION 1 - PRODUCT
NAME: LIME-OFF
Product No: 375
Product Type: Non Foaming Delimer

| Health | Flammability | Reactivity | PPE |
|-----------------|-------------------------|------------|---|
| 1 | 0 | 2 | 3 |
| Health Haz | Fire Haz | Reactivity | Personal Protection |
| 0= minimal | 0= will not burn | 0= none | 0= not necessary |
| 1= slightly haz | 1= FP>141F | 1= mild | 1= goggles |
| 2= hazardous | 2= FP=>73F=<141F | 2= strong | 2= goggles, gloves |
| 3= serious haz | 3= FP<73F | | 3= goggles, gloves, protective clothes |
| 4= severe haz | 4= BP<95F FP by PMCC | | 4= goggles, gloves & respirator |
| * DGIS | | | |

SECTION 2 - HAZARDOUS INGREDIENTS
Phosphoric Acid CAS #7664-38-2 WT%=27.75
Sulfamic Acid CAS #5329-14-6 WT%=3.90

SECTION 3 - HEALTH HAZARD & FIRST AID
1. Acute Health Effect Yes
2. Chronic Health Effects Yes
3. Carcinogen NO
4. Primary Entry Routes:
a) Skin & Eyes: Contact with the skin can cause burns. Upon contact with the skin there may not be an immediate burning sensation. Burns the eyes on contact.
b) Ingestion: Large doses will cause damage to the mouth, throat, esophagus, and stomach.
c) Inhalation: Not considered a hazard.
5. First Aid:
a) Skin: Remove contaminated clothing-wash skin with large volumes of water for at least 15 minutes. If irritation persists get medical attention.
b) Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get immediate medical attention.
c) Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
d) Inhalation: N/A

SECTION 4 - PHYSICAL & CHEMICAL CHARACTERISTICS
1. Physical State Liquid
2. Color Green
3. Odor Slightly Sweet
4. Solubility in water Complete
5. Specific Gravity (H2O=1.0) 1.21
6. pH 1.50 (2% soln)
7. Freezing Point N/A
8. Flash Point None (will not burn)
9. Vapor Pressure N/A

SECTION 5 - FIRE AND EXPLOSION HAZARD
1. Flash Point None (will not burn)
2. Extinguishing Media N/A
3. Special Fire Fighting Procedures N/A
4. Unusual Fire & Explosion Hazard Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

SECTION 6 - REACTIVITY DATA *
1. Stability Stable
2. Conditions to Avoid Do not mix with oxidizing agents, bleach, strong alkalis or acids. Avoid using on aluminum ware.

SECTION 7 - SPILL OR LEAK PROCEDURES
1. Wear recommended Personal Protection Equipment.
2. If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
3. Product may be neutralized with baking soda.
4. Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION
1. Use this product in a well ventilated area.
2. Wear goggles.
3. Wear rubber gloves.
4. Wear protective clothing.

SECTION 9 - SPECIAL PRECAUTIONS
1. Store containers tightly closed and in an upright position.
2. Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:
None

SECTION 11 - TOXICOLOGICAL INFORMATION
None

SECTION 12 - ECOLOGICAL INFORMATION
None

SECTION 13 - DISPOSAL CONSIDERATIONS
1. See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION
1. This product is in Package Group III.
2. Gallons and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
3. Larger containers ARE regulated.
4. The Bill of Lading
Proper Shipping Name Class ID PG Hazardous Material
Corrosive liquid, acidic, 8 UN3264 III (contains Phosphoric acid)
inorganic, n.o.s.

SECTION 15 - OTHER REGULATORY INFORMATION
All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION
*Revision 7/12/05 in Section 6.
1. N/A = Not Applicable
2. *Dangerous Goods Identification System (DGIS)
3. PMCC = Pensky Martin Closed Cup
4. Manufacturer believes that the information given here is accurate. The suggested procedures are based on experience and common sense and are not necessarily all-inclusive of every conceivable circumstance.