

Sentry Chemical Company

1481 Rock Mountain Blvd.
Stone Mountain, Georgia 30083
770-934-4242 • 800-877-3339
www.sentrychemical.com



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: **LEMONGUARD II**
PRODUCT CODE: F266

HMS CODES: H F R P
2 0 1 B

=====**SECTION I - MANUFACTURER IDENTIFICATION**=====

MANUFACTURER'S NAME: Sentry Chemical Company
ADDRESS : 1481 Rock Mountain Blvd.
Stone Mountain, GA 30083
770-934-4242

EMERGENCY PHONE : 800-535-5053 NAME OF PREPARER : Alan Sumner
INFORMATION PHONE : 770-934-4242 DATE OF PREPARATION : 4/15/98

=====**SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION**=====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
QUATERNARY AMMONIUM COMPOUND	68391-01-5		
TETRA SODIUM EDTA	64-02-8	AS WATER/N/A	
SODIUM CARBONATE	497-19-8	N/A N/A	

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

=====**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**=====

BOILING POINT: 221 F SPECIFIC GRAVITY (H2O=1): 1.05
VAPOR DENSITY: NOT APPLICABLE EVAPORATION RATE: Near that of water
MATERIAL V.O.C.: 0.19 lb/gl
SOLUBILITY IN WATER: Soluble
APPEARANCE AND ODOR: Clear liquid.
Yellow color.
Lemon odor.

=====**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**=====

FLASH POINT: None to boiling METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A
FLAME EXTENSION: NOT APPLICABLE
EXTINGUISHING MEDIA: FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG, OTHER
SPECIAL FIREFIGHTING PROCEDURES
Wear NIOSH approved self-contained breathing apparatus with full facepiece and protective clothing to prevent contact with skin and eyes. Use water spray to cool fire exposed containers.
UNUSUAL FIRE AND EXPLOSION HAZARDS
None known

=====**SECTION V - REACTIVITY DATA**=====

STABILITY: Stable
CONDITIONS TO AVOID: None known.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and strong oxidizing agents such as chlorine bleach.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS
Carbon Monoxide, Carbon Dioxide and Nitrogen compounds.
HAZARDOUS POLYMERIZATION: Will not occur.

=====**SECTION VI - HEALTH HAZARD DATA**=====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
INHALATION OF SPRAY MIST: May cause nose and throat irritation.
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
EYE CONTACT: Causes eye damage.
SKIN CONTACT: Corrosive, causes skin damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SKIN ABSORPTION: No evidence of harmful effects from available information.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

INGESTION: Harmful if swallowed.

HEALTH HAZARDS (ACUTE AND CHRONIC)

See above for acute health hazards.

CHRONIC-None known.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No
No.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

May aggravate pre-existing skin conditions.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove victim to fresh air immediately. If coughing, difficult breathing or any other respiratory symptoms persist, seek medical attention at once.

EYE CONTACT: Immediately flush with running water for at least 15 minutes, lifting eyelids periodically to remove contamination. Get immediate medical attention.

SKIN CONTACT: Immediately flush with large quantities of water for at least 15 minutes. Remove contaminated clothing and launder before reuse. Get medical attention for irritation or any other symptom.

INGESTION: If ingested drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, water. Avoid alcohol. Call a physician immediately.

NOTES TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Keep spectators away. Dike and contain spill. Wet vac up or cover with inert material (e.g. sand, earth). Transfer to covered plastic containers for recovery or disposal. Prevent contamination of sewers, streams and groundwater with spilled material or used absorbent.

WASTE DISPOSAL METHOD: Pesticide wastes are acutely hazardous. Improper disposal is a violation of Federal Law. Contact your State Pesticide or Environmental Agency or a EPA Regional office for guidance.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid prolonged or repeated skin contact.

Avoid contact with eyes.

OTHER PRECAUTIONS: Keep out of Reach of Children.

Open dumping is prohibited. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. This product is toxic to fish. Do not discharge effluent containing this product directly into lakes, streams, ponds, oceans or other waters unless permitted by State or Federal permits.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: No special requirements.

PROTECTIVE GLOVES: Impermeable chemical handling gloves for skin protection.

EYE PROTECTION: Use chemical safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash facility.

WORK/HYGIENIC PRACTICES: Avoid contamination of food or feed.

Wash thoroughly after handling.

Avoid breathing spray mist.

===== SECTION IX - DISCLAIMER =====

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Sentry Chemical Co. to be accurate.