



MATERIAL SAFETY DATA SHEET

LABORATORIES

320 37th Avenue • St. Charles, Illinois 60174 • To Reorder, Call 800-323-2594

PRODUCT IDENTIFICATION
UNITED 147

USE / DESCRIPTION
Chewing Gum Remover

REVISION DATE
June 13, 2001

FOR MEDICAL AND TRANSPORTATION EMERGENCIES:
INFOTRAC: 800-535-5053

HEALTH (0 = Maximum Safety) 2
Always follow Label Directions and Cautions.
4 Extreme. 3 High. 2 Moderate. 1 Slight. 0 Minimal.
See Health Hazard Data Section of this M.S.D.S. for more detailed information.

REACTIVITY (0 = Maximum Safety) 0
Susceptible to Release of Energy.
4 May detonate-vacate area if Materials are exposed to fire.
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.
2 Violent chemical change possible-use hose stream from distance
1 Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) 4
Susceptibility of Material to Burning.
4 Extremely flammable. 1 Must be preheated to burn.
3 Ignites at normal temperature. 0 Will not burn.
2 Ignites when moderately heated.

PERSONAL PROTECTION



HAZARDOUS COMPONENTS IDENTITY, EXPOSURE LIMITS AND S.A.R.A. TITLE III INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	ACGIH TWA	ACGIH STEL	OSHA PEL TWA	OTHER RECOMMENDED LIMITS	S.A.R.A. TITLE III QUANTITIES
Isobutane	75-28-5	800 ppm	Not established	Not established	None	None
Propane	74-98-6	1000 ppm	Not established	1000 ppm 1800 mg/m ³	NIOSH TWA 1000 ppm 1800 mg/m ³	None
Carbon dioxide	124-38-9	5000 ppm 9000 mg/m ³	30000 ppm 54000 mg/m ³	10000 ppm 18000 mg/m ³	NIOSH TWA 5000 ppm 9000 mg/m ³	None

PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT Not determined	SPECIFIC GRAVITY (H₂O = 1) Not determined
VAPOR PRESSURE (psig) (At 77° F.) 98	MELTING POINT Not determined
VAPOR DENSITY (Air = 1) Less than 1.0	EVAPORATION RATE (Butyl Acetate = 1) Greater than 1.0
SOLUBILITY IN WATER Negligible	VOLATILE ORGANIC COMPOUNDS (V.O.C.) (Pounds Per Can Of Product) 0.30
APPEARANCE AND ODOR Colorless spray with solvent odor	pH: Not applicable

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) Flash point not determined. Extremely flammable. Flame projection greater than 18 inches.	FLAMMABLE LIMITS Not determined	LEL Not determined	UEL Not determined
EXTINGUISHING MEDIA CO ₂ , standard foam, dry chemical, halon			
SPECIAL FIRE FIGHTING PROCEDURES Use water spray to cool cans in the vicinity of fire or excessive heat. Do not allow runoff to enter sewers or public water courses. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers. Firefighters should wear self-contained breathing apparatus and appropriate protective clothing.			
UNUSUAL FIRE AND EXPLOSION HAZARDS At elevated temperatures (above 120°F.), container may vent, rupture, or burst. Heat or fire may release carbon monoxide.			

REACTIVITY DATA

STABILITY: STABLE UNSTABLE CONDITIONS TO AVOID
Avoid temperatures above 120°F

INCOMPATIBILITY (Materials To Avoid)

Incompatible with strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

In a fire, product will release oxides of carbon.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
MAY OCCUR

CONDITIONS TO AVOID
None known

HEALTH HAZARD DATA

HEALTH HAZARDS

EYES: May cause pain, irritation, redness and slight corneal injury. SKIN: May cause drying or flaking, irritation and burning sensation.

INHALATION: Overexposure may cause nausea, dizziness, headache and upper respiratory discomfort.

IF SWALLOWED: May cause gastrointestinal disturbances, nausea, vomiting and diarrhea.

CARCINOGENICITY: NTP? No IARC MONOGRAPHS? No OSHA REGULATED? No

This product contains a chemical known to the state of California to cause cancer or reproductive toxicity? No

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Pain, irritation, redness and corneal injury SKIN: Drying, flaking, irritation and burning sensation

INHALATION: Nausea, dizziness, headache and upper respiratory discomfort

IF SWALLOWED: Gastrointestinal disturbances, nausea, vomiting and diarrhea

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE

Skin sensitivity and chemical allergies

TARGET ORGANS

Skin and eyes

EMERGENCY AND FIRST AID PROCEDURES

EYES: Flush with water for 15 minutes. Call a physician. SKIN: Wash with soap and water. If irritation persists, seek medical attention.

INHALATION: Remove to fresh air. If irritation persists, seek medical attention.

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.

PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Provide good ventilation. Remove all ignition sources. Absorb with inert material and place in suitable container for disposal. Prevent run-off to sewer.

WASTE DISPOSAL METHOD

Consult local, state, and federal authorities for proper disposal guidelines. Do not puncture or incinerate containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep away from heat, sparks, or open flame. Store at temperatures below 120° F. Store as NFPA 30B Level 3 Aerosol. Keep out of reach of children.

CONTROL MEASURES

FOR USE WHERE SIGNIFICANT EYE, SKIN OR INHALATION EXPOSURE IS LIKELY

RESPIRATORY PROTECTION (Specify Type)

If TLV is exceeded, use NIOSH/MSHA approved respirator.

VENTILATION: MECHANICAL (General)

Provide adequate ventilation

LOCAL EXHAUST

Generally adequate

PROTECTIVE GLOVES

Rubber gloves with insulated lining are recommended.

EYE PROTECTION

Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Long sleeves and long pants are recommended.

WORK HYGIENIC PRACTICES

Wash hands and face with soap and water after using this product. Do not smoke, eat or drink while handling or using this product.