

SAFETY DATA SHEET

Date Prepared : 01/24/2014

Date-Revised : 05/19/2019

Revision No : 3

DESOLV

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **DESOLV**

PRODUCT DESCRIPTION: Remover #31 Acetone

PRODUCT CODE: 781

MASTER DISTRIBUTOR

CGM Enterprises, Inc.
2727 Shermer Rd., Unit 523
Northbrook, IL 60062
(866) 538-4583

24 HR. EMERGENCY TELEPHONE NUMBER:

INFOTRAC (800) 535-5053

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS

Health:

Eye damage/Eye irritation, Category 1

Skin irritation, Category 3

Specific target organ toxicity after single exposure: (Blood and Liver injury), Category 3

Acute Toxicity (Oral), Category 4

Physical:

Flammable Liquids, Category 2

GHS LABEL



Flame



Corrosion



Exclamation

SIGNAL WORD: DANGER

HAZARD STATEMENTS

H318: Causes serious eye damage.

H316: Causes mild skin irritation.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H302: Harmful if swallowed.

H225: Highly flammable liquid and vapour.

Precautionary statement(s)

Prevention:

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P271: Use only outdoors or in a well-ventilated area. P264:
Wash hands and/or skin thoroughly after handling. P270:
Do not eat, drink or smoke when using this product.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER/Doctor/Medical Professional
P332+P313: If skin irritation occurs: Get medical advice/attention.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a POISON CENTER/Doctor/Medical Professional if you feel unwell.
P301+P312: IF SWALLOWED: Call a POISON CENTER/ Doctor/Medical Professional if you feel unwell.
P330: Rinse mouth.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P370+P378: In case of fire: Use foam, CO₂, or dry sand to extinguish.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
P405: Store locked up.
P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container to appropriate facility according to local regulations.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Transparent liquid

POTENTIAL HEALTH EFFECTS

EYES: Liquid and vapor are irritating to yes.

SKIN: Causes skin irritation. Symptoms can include redness, burning, drying and cracking of skin, burns, or other skin damage.

SKIN ABSORPTION: May be harmful if absorbed through the skin

INGESTION: Unreacted monomer is harmful if swallowed. Ingestion is an unlikely route of entry in industrial uses

INHALATION: Material is irritating to the mucous membranes and upper respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---------------------|---------|---------|
| Acetone | 65 - 75 | 67-64-1 |
| gamma-Butyrolactone | 20 - 30 | 96-48-0 |

4. FIRST AID MEASURES

EYES: Check for and remove any contact lenses. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN: Immediately wash skin with soap and plenty of water. Remove contaminated clothing. Get medical attention if symptoms (skin irritation or rash) occur. Get medical attention. Wash clothing before reuse.

INGESTION: Do not induce vomiting unless directed to do so by medical personnel. Never give an unconscious person anything to ingest. Get immediate medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. If signs or symptoms persist, seek medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

INHALATION: gamma-Butyrolactone- Inhalation may have an anesthetic effect on the central nervous system characterized by a loss of sensation. Preliminary excitement is the initial effect followed by relaxation, stupor, or sleep. Exposure can cause nausea, dizziness, and headache.

ACUTE TOXICITY: Symptoms of overexposure to product may include: Irritation. Gastrointestinal disturbances. High blood sugar. Coma. May cause CNS depression.

Acetone- Overexposure to this material has been suggested to cause mild, reversible liver effects, mild, reversible kidney effects, blood abnormalities, and harm to the fetus in laboratory animals.

NOTES TO PHYSICIAN: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity. This material (or a component) has produced hyperglycemia and ketosis following substantial ingestion. Preexisting conditions of the skin, lung, or blood-forming systems may be aggravated by exposure to this material.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Flammable.

GENERAL HAZARD: Flammable liquid and vapor.

EXTINGUISHING MEDIA: Use alcohol foam, carbon dioxide or dry chemical powder.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides.

EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Container explosion may occur under fire conditions. Use water spray to cool fire exposed containers.

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

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with dry sand, soil, sawdust, cloth, etc., then place in a sealable container.

LARGE SPILL: Dike and prevent overflow. Guide to a safe place then dispose properly.

RELEASE NOTES: Keep spilled material from entering storm drains, sewers, or other environmental mediums.

COMMENTS: Disposal of clean-up materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Take precaution against fire.

HANDLING: Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure. Do not breathe vapor. Keep away from heat, sparks and flame. Ground and bond containers when transferring material. Use spark proof tools and explosion proof equipment. Empty containers may retain product residue and flammable vapors. Keep away from heat, sparks, and flame. Do not cut, puncture, or weld on or near the empty container.

STORAGE: Keep container closed when not in use. Store in a cool, dry, well-ventilated area. Store and use away from

heat, sparks, open flames, or other ignition sources.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | | |
|---|------|-----------------|-------------------|-----------|-------------------|
| | | EXPOSURE LIMITS | | | |
| | | OSHA PEL | | ACGIH TLV | |
| Chemical Name | | ppm | mg/m ³ | ppm | mg/m ³ |
| Acetone | TWA | 1000 ppm | 2400 | 500 ppm | |
| | STEL | | | 750 | |

ENGINEERING CONTROLS: Adequate ventilation may be necessary to control any air contaminants to within the TLV control parameters during the use of this product.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses. Wear splash goggles if the potential for splashing or spraying exists.

SKIN: Gloves (impervious).

RESPIRATORY: In case of insufficient ventilation, wear NIOSH approved respiratory equipment when exposure limits are exceeded.

PROTECTIVE CLOTHING: Wear chemically impervious clothing, gloves, boots, aprons and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

WORK HYGIENIC PRACTICES: Wash hands before eating, smoking, or using restroom. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

OTHER USE PRECAUTIONS: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Acetone

APPEARANCE: Light yellow

COLOR: Clear light yellow.

FLASHPOINT AND METHOD: -20°C (-4°F) Closed Cup

SPECIFIC GRAVITY: 0.85 to 0.89

10. STABILITY AND REACTIVITY

STABILITY: This product is stable at room temperature in closed containers under normal storage and handling conditions.

CONDITIONS TO AVOID: Avoid ignition sources, excess heat, and direct sunlight.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides.

INCOMPATIBLE MATERIALS: Acids. Bases. Oxidizing agents. Reducing agents.

11. TOXICOLOGICAL INFORMATION

ACUTE

| Chemical Name | ORAL LD ₅₀ (rat) | DERMAL LD ₅₀ (rabbit) | INHALATION LC ₅₀ (rat) |
|---------------------|--------------------------------|-------------------------------------|--------------------------------------|
| Acetone | 5800 rat (mg/kg) | 7426 (rat) mg/kg | 50100 Rat (mg/kg) |
| gamma-Butyrolactone | > 1540 rat (mg/kg) | > 5000 mg/kg guinea pig | > 5100 Rat (mg/kg) |

CHRONIC: No data as a product

IRRITATION: Causes irritation to the eyes, skin, mucous membranes, and upper respiratory tract.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data as a product

COMMENTS: Not available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your licensed waste contractor for detailed recommendations.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Flammable liquids, n.o.s. (Acetone)

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

PACKING GROUP: II

AIR (ICAO/IATA)

SHIPPING NAME: Flammable liquids, n.o.s. (Acetone)

UN/NA NUMBER: UN1993

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

15. REGULATORY INFORMATION**UNITED STATES****CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

| Chemical Name | Wt.% | CERCLA RQ |
|---------------|---------|--------------|
| Acetone | 65 - 75 | 5,000 |

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

TSCA STATUS: There are no ingredients in this product that are listed on the TSCA 12B list

STATES WITH SPECIAL REQUIREMENTS

| Chemical Name | Requirements |
|---------------|---|
| Acetone | This product contains a component or components listed on the Massachusetts Right to Know list of hazardous substances. This product contains a component or components listed on the Pennsylvania Right to Know list of hazardous substances. |

DEA (DRUG ENFORCEMENT PRECURSOR & ESSENTIAL CHEMICALS) LISTED SUBSTANCE: Drug Enforcement Agency (DEA) controlled substance (gamma-Butyrolactone)

16. OTHER INFORMATION

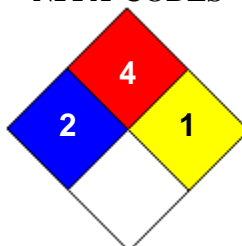
Date-Revised: 04/22/2015

REVISION SUMMARY: This MSDS replaces the 05/12/2014 MSDS.

HMIS RATING

| | | |
|----------------------------|---|----------|
| HEALTH | * | 2 |
| FLAMMABILITY | | 4 |
| PHYSICAL HAZARD | | 1 |
| PERSONAL PROTECTION | | B |

NFPA CODES



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