

## #3679 Solvent

SDS Number: 81002D

Revision Date: 6/13/2015

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### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

Dell Marking Systems  
938 Featherstone Street  
Pontiac, MI 48306

#### Vendor

**Phone:** (248) 547-7750  
**Fax:** (248) 544-9115  
**Web:** www.dellid.com

**Product Name:** #3679 Solvent  
**Revision Date:** 6/13/2015  
**Version:** 01  
**SDS Number:** 81002D  
**Common Name:** Ink reducing solvent  
**CAS Number:** Mixture  
**Product Code:** 81002D  
**EPA Number:** Not applicable  
**Product Use:** Identification marking ink

Emergency Telephone Number (24 Hour)  
Chemtrec 1-800-424-9300 • Outside the U.S. 703-741-5970 • Account #: CCN 6452

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### HAZARDS IDENTIFICATION

**Route of Entry:** Eyes; Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately. Ingestion; If large quantities of this material are swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person Inhalation; Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately. Skin; Flush skin with plenty of water. Remove contaminated clothing and shoes.

**Target Organs:** Prolonged or repeated contact may cause skin sensitization or dermatitis. Reports have associated repeated and prolonged occupational overexposure to solvents with irreversible brain and nervous system damage. Ethanol is known to cause developmental reproductive toxicity. Intentional misuse by deliberately concentrating or inhaling this product may be harmful or fatal.

**Inhalation:** High concentrations of vapors may produce irritation of the respiratory tract, headache, dizziness, and nausea

**Skin Contact:** Liquid is mildly irritating to the skin.

**Eye Contact:** Liquid is moderately irritating to the eyes.

**Ingestion:** Ingestion of liquid may cause vomiting.

HMIS III:

H2/F3/PH1

| HMIS III   |   |
|--|---|
| HEALTH   | 2 |
| FLAMMABILITY   | 3 |
| PHYSICAL HAZARDS   | 1 |
| PERSONAL PROTECTION<br><b>B   Safety Glasses,<br/>Gloves</b> |   |

| PERSONAL PROTECTION INDEX |                  |                              |   |
|---------------------------|------------------|------------------------------|---|
| A                         |                  | G                            |   |
| B                         |                  | H                            |   |
| C                         |                  | I                            |   |
| D                         |                  | J                            |   |
| E                         |                  | K                            |   |
| F                         |                  | X                            | Consult your supervisor or S.O.P. for "SPECIAL" handling directions |
| A                         | n                | o                            | p   |
| Safety Glasses            | Splash Goggles   | Face Shield & Eye Protection | Gloves  |
| t                         | u                | w                            | y   |
| Dust Respirator           | Vapor Respirator | Dust & Vapor Respirator      | Full Face Respirator  |
| q                         | r                | s                            |   |
| Boots                     | Synthetic Proton | Full Suit                    | Additional Information  |
| z                         |                  |                              |   |
| Airline Hood or Mask      |                  |                              |   |

GHS Signal Word:  
DANGER

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Liquids, 2
- Health, Acute toxicity, 4 Oral
- Health, Skin corrosion/irritation, 2
- Health, Reproductive toxicity, 2
- Health, Specific target organ toxicity - Repeated exposure, 2

GHS Phrases:

- H225 - Highly flammable liquid and vapor
- H302 - Harmful if swallowed
- H315 - Causes skin irritation
- H361 - Suspected of damaging fertility or the unborn child
- H373 - May cause damage to organs through prolonged or repeated exposure

GHS Precautionary Statements:

- P201 - Obtain special instructions before use.
- P202 - Do not handle until all safety precautions have been read and understood.
- P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical/ventilating/light/equipment.
- P242 - Use only non-sparking tools.
- P243 - Take precautionary measures against static discharge.
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 - IF ON SKIN: Wash with soap and water.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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P308+313 - IF exposed or concerned: Get medical advice/attention.  
 P312 - Call a POISON CENTER or doctor/physician if you feel unwell.  
 P314 - Get Medical advice/attention if you feel unwell.  
 P330 - Rinse mouth.  
 P332+313 - If skin irritation occurs: Get medical advice/attention.  
 P362 - Take off contaminated clothing and wash before reuse.  
 P370+378 - In case of fire: Use water spray, carbon dioxide, dry chemical or foam for extinction.  
 P403+235 - Store in a well ventilated place. Keep cool.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredients:**

| Cas #    | Percentage | Chemical Name             |
|----------|------------|---------------------------|
| 108-88-3 | 50-60%     | Toluene                   |
| 67-63-0  | 10-20%     | Isopropyl alcohol         |
| 108-10-1 | 10-20%     | Methyl isobutyl ketone    |
| 78-93-3  | 05-10%     | Methyl ethyl ketone (MEK) |
| 108-83-8 | 01-05%     | Diisobutyl ketone         |

### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air and keep in a position comfortable for breathing. Respiratory problems: consult a doctor/medical service.

**Skin Contact:** Flush skin with plenty of water. Remove contaminated clothing and shoes.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

**Ingestion:** If large quantities of this material are swallowed, get immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person. Do NOT induce vomiting or attempt chemical neutralization.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Extinguishing media: Suitable extinguishing media : Use water fog, Alcohol-resistant foam, Carbon dioxide, or Dry chemical powder. Use media suitable for surrounding fire. Special hazards arising from the substance or mixture: Fire hazard, highly flammable liquid and vapor. Gas/vapour flammable with air within explosion limits. Gas/vapour spreads at floor level: ignition hazard. Stay upwind of a fire to minimize breathing of vapors, gases, fumes, or decomposition products. Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Advice for firefighters: Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

**Flash Point:** 32 F

**Flash Point Method:** Tag Closed Cup (TCC)

**Burning Rate:** No Data Available

**Autoignition Temp:** No Data Available

**LEL:** 0.8

**UEL:** 11.5

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**6 ACCIDENTAL RELEASE MEASURES**

**SMALL SPILL:** Absorb liquid with non-combustible floor absorbent and place in non-leaking container; seal properly and dispose of properly in compliance with federal, state, and local regulations.

**LARGE SPILL:** Evacuate area of unprotected personnel. Eliminate all ignition sources. Stop spill at source if safe to do so. Handling equipment must be grounded to prevent sparking and static discharge. Prevent spill from entering drains, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Dispose of properly in compliance with federal, state, and local regulations.

**7 HANDLING AND STORAGE****Handling Precautions:**

7.1. Precautions for safe handling, additional hazards when processed :  
Handle empty containers with care because vapors are potentially flammable. In use, may form flammable vapour-air mixture.  
Precautions for safe handling : Use personal protective equipment as required. Use only in well-ventilated areas. Use earthed equipment. Take precautionary measures against static discharge. Safety showers and eye wash fountains should be readily available in handling and storage areas. No naked lights. No smoking. Keep containers away from heat and open flame. Avoid breathing vapours/mist/spray.  
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product.

**Storage Requirements:**

Keep away from heat, sparks and open flames. Keep out of reach of children. Keep container tightly sealed when not in use. Store in a cool, well-ventilated place away from incompatible materials.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION****Engineering Controls:**

Engineering Controls: Local exhaust not usually needed.  
Mechanical (General): General area ventilation is recommended.

**Personal Protective Equip:**

HMIS PP, B | Safety Glasses, Gloves  
Personal protective equipment : Avoid all unnecessary exposure.  
Eye protection : Wear chemical splash goggles in compliance with OSHA regulation if splashing is possible or when transfilling or breaking transfer connections.  
Hand protection : Chemical resistant gloves if skin contact is possible. Nitrile gloves or consult your safety equipment supplier.  
Skin and body protection : Protective clothing not usually necessary. For bulk material, if direct contact is possible, wear apron, boots, face shield, etc. as needed.  
Work/Hygienic Practices: Follow label instructions. Wash hands after use and before eating, drinking, smoking, using restrooms, etc.

**Toluene (108-88-3)**

USA ACGIH TWA (ppm) 20 ppm; USA OSHA PEL (TWA) (ppm) 200 ppm; USA OSHA PEL (Ceiling) (ppm) 300 ppm; USA OSHA Remark 500 ppm 10 minute peak per 8-hr shift.

**Isopropyl Alcohol (67-63-0)**

USA ACGIH TWA (ppm) 200 ppm; USA ACGIH STEL (ppm) 400 ppm; USA OSHA PEL (TWA) (ppm) 400 ppm; USA NIOSH REL (TWA) (ppm) 400 ppm; USA NIOSH REL (STEL) (ppm) 500 ppm

**Methyl Isobutyl Ketone (108-10-1)**

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USA ACGIH TWA (ppm) 20 ppm; USA ACGIH STEL (ppm) 75 ppm; USA ACGIH Remark (ACGIH) URT irr; dizziness; headache; USA OSHA PEL (TWA) (ppm) 100 ppm; USA NIOSH REL (TWA) (ppm) 50 ppm; USA NIOSH REL (STEL) (ppm) 75 ppm

### Methyl Ethyl Ketone (78-93-3)

USA ACGIH TWA (ppm) 200 ppm; USA ACGIH STEL (ppm) 200 ppm; USA OSHA PEL (TWA) (ppm) 200 ppm; USA NIOSH REL (TWA) (ppm) 200 ppm;

### Di-isobutyl Ketone (108-83-8)

USA ACGIH TWA (ppm) 25 ppm; USA OSHA PEL (TWA) (ppm) 50 ppm

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## PHYSICAL AND CHEMICAL PROPERTIES

|                                      |  |
|--------------------------------------|--|
| <b>Appearance:</b>                   | Clear thin viscosity liquid with solvent odor. |
| <b>Physical State:</b>               | Liquid   |
| <b>Odor:</b>                         | Sweet solvent odor                             |
| <b>Odor Threshold:</b>               | No data available                              |
| <b>Molecular Formula:</b>            | Mixture  |
| <b>Particle Size:</b>                | Not applicable                                 |
| <b>Solubility:</b>                   | Partially soluble in water                     |
| <b>Spec Grav./Density:</b>           | 0.84   |
| <b>Softening Point:</b>              | No data available                              |
| <b>Viscosity:</b>                    | Thin liquid.                                   |
| <b>Percent Volatile:</b>             | 100% Volatile                                  |
| <b>Saturated Vapor Concentration</b> | No data available                              |
| <b>Heat Value:</b>                   | No data available                              |
| <b>Boiling Point:</b>                | 176-302 F                                      |
| <b>Freezing/Melting Pt.:</b>         | No data available                              |
| <b>Flammability:</b>                 | No data available                              |
| <b>Flash Point:</b>                  | 32 F   |
| <b>Partition Coefficient:</b>        | No data available                              |
| <b>Octanol:</b>                      | No data available                              |
| <b>Vapor Pressure:</b>               | No data available                              |
| <b>Vapor Density:</b>                | Heavier than air.                              |
| <b>pH:</b>                           | Not applicable                                 |
| <b>VOC:</b>                          | 7.0 lbs/gal                                    |
| <b>Evap. Rate:</b>                   | Faster than N-butyl Acetate = 1                |
| <b>Bulk Density:</b>                 | No data available                              |
| <b>Molecular weight:</b>             | No data available                              |
| <b>Auto-Ignition Temp:</b>           | No data available                              |
| <b>Decomp Temp:</b>                  | No data available                              |
| <b>UFL/LFL:</b>                      | 0.8/11.5                                       |

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## STABILITY AND REACTIVITY

|                   |   |
|-------------------|---|
| <b>Stability:</b> | 10.1. Reactivity<br>No additional information available   |
|                   | 10.2. Chemical stability<br>Stable under normal conditions.   |
|                   | 10.3. Possibility of hazardous reactions<br>No additional information available   |
|                   | 10.4. Conditions to avoid<br>Heat. Sparks. Open flame. DO NOT distill or evaporate to near dryness. potential peroxide formation. |

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10.5. Incompatible materials  
Oxidizing agent. strong acids. Strong bases.  
10.6. Hazardous decomposition products  
Carbon dioxide. Carbon monoxide

**Conditions to Avoid:**

Avoid strong oxidizing and reducing agents, strong alkalies and strong acids.

**11****TOXICOLOGICAL INFORMATION****Toluene (108-88-3)**

LD50 oral rat 636 mg/kg; LD50 dermal rabbit 12223 mg/kg (>5000 mg/kg bodyweight; Rabbit; Rabbit; Experimental value; Other,>5000 mg/kg bodyweight; Rabbit; Rabbit; Experimental value; Other);LC50 inhalation rat (mg/l) > 20 mg/l/4h (Rat);Additional information Target organs: liver, kidneys, CNS, blood, heart, adrenals, spleen, auditory

**Isopropyl Alcohol (67-63-0)**

LD50 oral rat 5045 mg/kg (5840 mg/kg bodyweight; Rat; Rat; Experimental value,5840 mg/kg bodyweight;Rat; Rat; Experimental value); LD50 dermal rabbit 12870 mg/kg (16.4; Rabbit; Rabbit; Experimental value,16.4; Rabbit; Rabbit; Experimental value);LC50 inhalation rat (mg/l) 73 mg/l/4h (Rat)

**Methyl Ethyl Ketone (78-93-3)**

LD50 oral rat 2737 mg/kg (2054 mg/kg; 2328 mg/kg; Rat); LD50 dermal rabbit 6480 mg/kg (>10; Rabbit;Experimental value); LC50 inhalation rat (mg/l) 34 mg/l/4h;LC50 inhalation rat (ppm) 11300 ppm/4h

**Methyl Isobutyl Ketone (108-10-1)**

LD50 oral rat 2080 mg/kg (Rat; Experimental value,Rat; Experimental value); LD50 dermal rat >= 2000 mg/kg body weight (Rat; Experimental value,Rat; Experimental value); LD50 dermal rabbit > 16000 mg/kg (Rabbit); LC50 inhalation rat (mg/l) 8.2- 16.4,Rat;( Experimental value,Rat; Experimental value);LC50 inhalation rat (ppm) 2000 - 4000 ppm/4h (Rat; Experimental value);Repeated dose toxicity: No data available. Skin corrosion/Irritation:(Rabbit, 72 h):none; Serious eye damage/eye irritation (Rabbit): slight to moderate; Respiratory or skin sensitization: No data available; Mutagenicity: No data available; Carcinogenicity: IARC 2B: Possibly carcinogenic to humans; Reproductive toxicity:No data available; Specific target organ toxicity-single exposure: No data available; Specific target organ toxicity-repeated exposure: No data available; Aspiration hazard: May be harmful if swallowed and enters airways; Other adverse effects: MIBK is classified as an IARC 2B material. IARC 2B is a classification for possible human carcinogen based on sufficient evidence on carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.

**Di-isobutyl Ketone (108-83-8)**

LD50 oral rat 3200 mg/kg ( Experimental value); LD50 dermal rat >2000mg/kg body weight (Experimental value);; LC50 inhalation rat (mg/l) (6 h) 1979 ppm no deaths from exposure to nearly saturated vaopr;Repeated dose toxicity: No data available. Skin corrosion/Irritation:(Rabbit, 72 h):none; Serious eye damage/eye irritation (Rabbit): slight; Respiratory or skin sensitization: No data available; Mutagenicity: No data available; Carcinogenicity: not listed; Reproductive toxicity:No data available; Specific target organ toxicity-single exposure: No data available; Specific target organ toxicity-repeated exposure: No data available; Aspiration hazard: May be harmful if swallowed and enters airways; Other adverse effects:No data available.

Repeated dose toxicity: No data available  
Skin corrosion/Irritaion:Causes skin irritation  
Serious eye damage/eye irritation:Causes serious eye irritation  
Respiratory or skin sensitization: Not classified  
Mutagenicity: No data available  
Carcinogenicity: No data available  
Reproductive toxicity:No data available  
Specific target organ toxicity-single exposure-: No data available  
Specific target organ toxicity-repeated exposure: No data available  
Aspiration hazard: No data available  
Other adverse effects: No data available

**12****ECOLOGICAL INFORMATION****Toluene (108-88-3)**

LC50 fish 1 24 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss); EC50 Daphnia 1 84 mg/l (24 h; Daphnia magna; LOCOMOTOR EFFECT); LC50 fish 2 13 mg/l (96 h; Lepomis macrochirus); EC50 Daphnia 2 11.5 - 19.6 mg/l (48 h; Daphnia magna); Threshold limit algae 1 > 400 mg/l (168 h; Scenedesmus quadricauda; TOXICITY TEST); Threshold limit algae 2 105 mg/l (192 h; Microcystis aeruginosa)

**Isopropyl Alcohol (67-63-0)**

LC50 fish 1 4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system); EC50 Daphnia 1 > 10000 mg/l (48 h; Daphnia magna); LC50 fish 2 9640 mg/l (96 h; Pimephales promelas; LETHAL); EC50 Daphnia 2 13299 mg/l (48 h; Daphnia magna); Threshold limit algae 1 > 1000 mg/l (72 h; Scenedesmus subspicatus; GROWTH RATE); Threshold limit algae 2 1800 mg/l (72 h; Algae; Cell numbers)

**Methyl Isobutyl Ketone (108-10-1)**

Acute toxicity Fish: LC50 (goldfish, 24h):460 mg/l ; LC50 (golden orfe, 48 h): 675-750 mg/l; Aquatic invertebrates: LC-50 (Water flea, 24 h): 4,300 mg/l; LC-50 (Brown Shrimp, 24 h):1250 mg/l; Chronic Toxicity:no data available; Fish: no data available; Aquatic invertebrates: No data available; Toxicity to aquatic plants: No data available; Persistence and degradability: No data available; Biological Oxygen Demand: BOD-5: 1,940-2060 mg/g; Chemical Oxygen Demand: 2160-2460 mg/g; BOD/COD ratio: No data available; Bioaccumulative potential: No data available; Mobility in soil: No data available; Other adverse effects: No data available.

**Methyl Ethyl Ketone (78-93-3)**

LC50 fish 1 1690 mg/l (96 h; Lepomis macrochirus; Lethal); EC50 Daphnia 1 308 mg/l (48 h; Daphnia magna; Locomotor effect); LC50 fish 2 2990 mg/l (96 h; Pimephales promelas); TLM fish 1 5600 mg/l (96 h; Gambusia affinis); TLM fish 2 1690 mg/l (96 h; Lepomis macrochirus); TLM other aquatic organisms 1 > 1000 ppm (96 h); Threshold limit algae 1 110 mg/l (168 h; Microcystis aeruginosa); Threshold limit algae 2 4300 mg/l (192 h; Scenedesmus quadricauda)

**Di-isobutyl Ketone (108-83-8)** Acute toxicity Fish: LC50 (goldfish, 24h):460 mg/l ; LC50 (Golden orfe, 48 h): 675-750 mg/l; Aquatic invertebrates: LC-50 (Water flea, 24 h): 4,300 mg/l; ; LC-50 (Brown Shrimp, 24 h):1250 mg/l; Chronic Toxicity:no data available; Fish: no data available; Aquatic invertebrates: No data available; Toxicity to aquatic plants: No data available; Persistence and degradability: No data available; Biological Oxygen Demand: BOD-5: 1,940-2060 mg/g; Chemical Oxygen Demand: 2160-2460 mg/g; BOD/COD ratio: No data available; Bioaccumulative potential: No data available; Mobility in soil: No data available; Other adverse effects: No data available.

### 13 DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

Waste disposal recommendations : In its manufactured form this material is hazardous for ignitability (D001) under federal RCRA disposal criteria. Spent material may contain other hazardous components or lend other hazardous properties to this material. Generators are advised to perform analysis on all waste streams for proper characterization and disposal.

Additional information : Handle empty containers with care because residual vapors are flammable.

Ecology - waste materials : Avoid release to the environment.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3

UN #: UN 1263, Class: 3, Proper Shipping Name: Paint-related materials including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler, and liquid lacquer base, or paint related material including paint thinning, drying, removing, or reducing compound

**Important Note:** Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

**Domestic Highway:**

**Proper Shipping Name:** Paint related material

**Hazard Class/Subsidiary Hazard:** 3 Flammable liquid

**UN/NA No:** 1263

**Packing Group:** II

**Label Required:** Flammable Liquid

**Domestic Air Shipments:**

**Proper Shipping Name:** Paint related material

**Hazard Class/Subsidiary Hazard:** 3 Flammable liquid

**UN/NA No:** 1263

**Packing Group:** II

**Label Required:** Flammable Liquid



### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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\*Toluene (108883 50-60%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL



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\*Isopropyl alcohol (67630 10-20%) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR

\*Methyl isobutyl ketone (108101 10-20%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

\*Methyl ethyl ketone (MEK) (78933 01-10%) CERCLA, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TSCA, TXAIR, TXHWL

\*Diisobutyl ketone (108838 1-05%) MASS, OSHAWAC, PA, TSCA, TXAIR

**Canada:**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by these regulations.

-DSL/NDL; All materials in this product are listed on the DSL.

WHMIS Classifications: B2, D2A, D2B

**REGULATORY KEY DESCRIPTIONS**

MASS = MA Massachusetts Hazardous Substances List  
OSHAWAC = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance  
CSWHS = Clean water Act Hazardous substances  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
NJHS = NJ Right-to-Know Hazardous Substances  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICPOL = Clean Water Act Toxic Pollutants  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous waste List

ACUTERCRA = RCRA Acute Hazardous Wastes (P-List)  
EHS302 = Extremely Hazardous Substance  
NJEHS = NJ Extraordinarily Hazardous Substances  
OSHAPSM = OSHA Chemicals Requiring process safety management  
NRC = Nationally Recognized Carcinogens  
HWRCRA = RCRA Hazardous Wastes

**WARNING!** The use of this product is beyond the control of the manufacturer and distributor; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer and distributor warrant only that this product meets the specifications for such product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER AND DISTRIBUTOR SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT.** The sole and exclusive remedy against the manufacturer and distributor for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. **NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.**