

# SAFETY DATA SHEET

DATE PRINTED : 5/26/2020

MSDS REF. No : R519-000

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 8150 MV CLEAR RESIN VERSION

**PRODUCT CODE:** 2012 R519-000

**Supplier/ Manufacturer**

Superior Manufacturing  
4520 Glenmeade Lane  
Auburn Hills, MI 48326  
866.523.5677

**Emergency Phone:** 800-535-5053

**ORIGINAL DATE ISSUED:** 3/21/13 **REVISION DATE:** 7/23/15

**Recommended end use:** Half of a two component system designed for application and use as a protective coating.

## 2. HAZARDS IDENTIFICATION

**Acute Toxicity, Category 4**

**Toxic to Reproduction, Category 2**

**Aquatic Hazard (Long term) Category 3**



**SIGNAL WORD:** Warning

**Hazard-determining components of labeling:** Nonylphenol (CAS# 25154-52-3)

### Hazard Statements

H317 May cause an allergic skin reaction

H302 Harmful if swallowed

H412 Harmful to aquatic life with long lasting effects

H335 May cause respiratory irritation

H631 Suspected of damaging fertility or the unborn child

### Precautionary Statements

P273 Avoid Release to the Environment

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

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing.

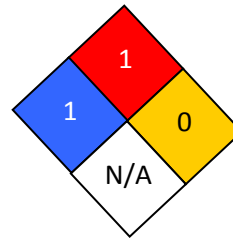
P310 Immediately Call a POISON CENTER or doctor/physician.

P284 Wear respiratory protection

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HMIS RATING	
Health :	1
Flammability :	1
Reactivity :	0
Personal Protection :	X

## NFPA CODES



### Potential Health Effects:

**SKIN:** May cause irritation. Allergic reaction possible. May cause sensitization. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

**EYES:** May cause irritation.

**INHALATION:** Inhalation of vapors causes skin irritation of the respiratory tract and may cause adverse systemic effects.

**INGESTION:** Headache. Nausea. Vomiting.

**CHRONIC HAZARDS:** This product contains nonylphenol which has been found by OSHA to be a teratogen.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
1-methoxy-2-propanol	3-7%	107-98-2
Nonylphenol	3-7%	25154-52-3
Bisphenol A Epoxy Resin	60-100%	25085-99-8
Solvent Naphtha, Petroleum, Light Aromatic	0.1-1%	64742-95-6
1-Methoxy-2-propanol Acetate	0.1-1%	108-65-6
Stoddard Solvent (Mineral Spirits)	0.1-1%	8052-41-3

### 4. FIRST AID MEASURES

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to physician in attendance.

**EYES:** Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

**SKIN:** Contact a physician. Remove product and flush with plenty of water for at least 20-30 minutes.

**INHALATION:** Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

**INGESTION:** Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person.

**DO NOT INDUCE VOMITING!** Obtain medical care and hospital treatment immediately.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol Foam. Dry Chemical Foam. Carbon Dioxide. Water Fog.

**For safety reasons, unsuitable extinguishing agents:** water spray.

**SPECIAL FIRE & UNUSUAL HAZARD:** May generate toxic or irritating combustion products. May generate carbon monoxide gas. May generate toxic nitrogen oxide gases.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Firefighters should wear butyl rubber boots, gloves and body suit as well as a self-contained breathing apparatus.

**ADDITIONAL INFORMATION:** Remove all ignition sources. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**HAZARDOUS COMBUSTION PRODUCTS formed under fire conditions:** carbon oxides, nitrogen oxides.

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## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe area. Ensure adequate ventilation.

**Environmental precautions:**

Prevent further leaking if safe to do so. Dike Spill Area. Flush area with water spray. Absorb spill with inert material (ex. dry sand or earth) and place in a chemical waste container for disposal. Avoid runoff into storm sewers and ditches which lead into waterways. Discharge into the environment must be avoided. If seepage into the environment has occurred, notify respective authorities.

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

**HANDLING:** Handle in a well-ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

**STORAGE:** Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

**Ventilation:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants.

**Personal Protection Equipment:**

**Respiratory Protection:** In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.



**Skin Protection:** Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles. Gloves should be tested for chemical resistance before reliable use. (penetration times, rates of diffusion and rate of degradation). Wear long sleeves and pants, exposing as little skin as possible.



**Eye Protection:** Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!

**Hygienic Practices:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Volatile Organic Content:</b> 9.0384742g/L	<b>Solubility in Water:</b> Insoluble
<b>Color, form:</b> Colorless, cloudy liquid	<b>Specific Gravity @ 20°C:</b> 1.1379970
<b>Odor:</b> Faint Epoxy Odor	<b>pH @ 100%:</b> N/A
<b>Physical Appearance:</b> Cloudy Liquid	<b>Melting/Freezing point:</b> N/A
<b>Boiling Point:</b> N/A	<b>Flashpoint:</b> N/A
<b>Ignition Temperature:</b> N/A	<b>Auto-ignition temperature:</b> N/A
<b>Explosion Limits:</b> <b>Lower:</b> N/A <b>Upper:</b> N/A	<b>Water solubility:</b> Insoluble
	<b>Partition coefficient (n-octanol/water):</b> N/A
	<b>Relative vapor density:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Evaporation rate:</b> N/A
N/A = Not Available    N/D = Not Determined    Ca. = Approximate	

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under recommended and normal conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**INCOMPATIBILITY:** Oxidizing Agents. Strong bases, bases. Amines.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide due to combustion. Carbon dioxide due to combustion. Nitrogen oxides due to combustion. Irritating and toxic fumes at elevated temperatures.

**CONDITIONS TO AVOID:** Open Flame / Sparks / Sources of ignition. Heat.

## 11. TOXICOLOGICAL INFORMATION

**Component Toxicological Information:** (Acute)

**Likely routes of entry:** Skin Contact, Skin absorption, Ingestion, Inhalation

4, 4'-Isopropylidenediphenol-Epichlorohydrin Copolymer

LD50 Oral    Rat    30,000 mg/kg

LD50 Dermal    Rat    >2,000 mg/kg

Not classified as a carcinogen by ACGIH, IARC or OSHA. Not listed by NTP.

Nonylphenol

LD50 Oral    Rat    1,300 mg/kg

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

Suspected human reproductive toxicant.

Solvent Naphtha (CAS 64742-95-6)

LD50 Oral    Rat    >4000 mg/kg

LD50 Dermal    Rabbit    >3,480 mg/kg

LD50 Inhalation    Rat    3,670 ppm

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC. The substance is known to cause human aspiration toxicity hazards or has to be regarded as if it causes human respiration toxicity hazard. Does not cause skin sensitization.

1-Methoxy-2-Propanol Acetate

LD50 Oral    Rat(female)    5,155 mg/kg

LD50 Dermal    Rabbit    >5,000 mg/kg

LD50 Inhalation    Rat    >100 ppm

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

Stoddard Solvent

LD50 Oral    Rat    >6,000 mg/kg

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LD50 Dermal Rabbit >3,000 mg/kg

LD50 Inhalation Rat 5,500 ppm, 4h

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC. Eye Irritant.

**Specific target organ toxicity:** no data available

## 12. ECOLOGICAL INFORMATION

**Marine Pollutant/Ecotoxicity:** Harmful to aquatic life with long lasting effects.

**Toxicity to fish:**

**Nonylphenol**

Mortality NOEC- pimephales promelas (fathead minnow) – 0.083 mg/l – 96.0 h

Mortality LOEC- Lepomis macrochirus – 0.211 mg/l – 96.0h

LC50 – Lepomis macrochirus – 0.135 mg/l – 96.0 h

**Environmental Fate:** Bioconcentration potential is low. Biodegradation under aerobic static laboratory conditions is below detectable limits.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.

## 14. TRANSPORT INFORMATION

**DOT SHIPPING INFORMATION**

**DOT Proper Shipping Name:** Resin Compound- Not regulated

**DOT Technical Name:** N/A

**DOT Hazard Class:** N/A

**Hazard Subclass:** N/A

**DOT I.D. Number:** N/A

**Packing Group:** N/A

**IMDG**

**Technical Name:** Environmentally hazardous substance, Liquid, N.O.S.

**Hazard Class:** 9

**Hazard Subclass:** N.A.

**I.D. Number:** UN3082

**Packing Group:** III

**INTERNATIONAL REGULATIONS:**

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with the hazard criteria of the Controlled Product Regulations and the MSDS contains the information required by those regulations.



**CANADIAN WHMIS CLASS:** D2B

## 15. REGULATORY INFORMATION

**U.S. FEDERAL REGULATIONS AS FOLLOWS-**

# SAFETY DATA SHEET

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** Hazardous by definition of Hazard Communication Standard.

Sensitizer.

**CERCLA/ Super Fund (40 CFR 117, 302):**

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute)

**SARA Toxic Chemicals (40 CFR 372):**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: **None.**

**TOXIC SUBSTANCES CONTROL ACT:** All chemicals in this compound are listed on the TSCA.

**NEW JERSEY/ PENNSYLVANIA RIGHT-TO-KNOW:**

Chemical Name	CAS Number
Bisphenol A Epoxy Resin	25085-99-8
Nonylphenol	25154-52-3
Solvent Naphtha	64742-95-6
1-Methoxy-2-Propanol Acetate	108-65-6
Stoddard Solvent (Mineral Spirits)	8052-41-3

**California Proposition 65:** Warning! This product may contain the following substance(s) is(are) known to the State of California to cause cancer, birth defects or other reproductive harm:

Benzene	CAS # 71-43-2	<0.1%
Toluene	CAS # 108-88-3	<0.1%

## 16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SUPERIOR MANUFACTURING CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.

# SAFETY DATA SHEET

DATE ISSUED :	5/26/2020
MSDS REF. No :	H401-000

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 8150 MV HARDENER VERSION 201  
**PRODUCT CODE:** H401-000

**Supplier/ Manufacturer**

Superior Manufacturing  
4520 Glenmeade Lane  
Auburn Hills, MI 48326  
866.523.5677

**Emergency Phone:** 800-535-5053

**ORIGINAL DATE ISSUED:** 3/18/13 **REVISION DATE:** 8/28/13

**Recommended end use:** Half of a two component system designed for application and use as a protective coating.

## 2. HAZARDS IDENTIFICATION

Acute Oral Toxicity, Category 2

Skin Corrosion, Category 1C

Serious Eye Damage, Category 2A

Aspiration Hazard, Category 2

Acute Aquatic Hazard, Category 3



**SIGNAL WORD:** Danger

**Hazard-determining components of labeling:** Benzyl Alcohol

**Hazard Statements**

H317 May cause an allergic skin reaction

H302 Harmful if swallowed

H412 Harmful to aquatic life

H335 May cause respiratory irritation

H314 Causes severe skin burns and eye damage

**Precautionary Statements**

P273 Avoid Release to the Environment

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

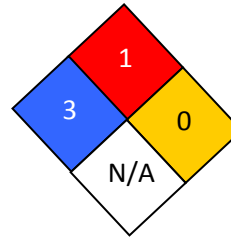
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue Rinsing.

P310 Immediately Call a POISON CENTER or doctor/physician.

# SAFETY DATA SHEET

HMIS RATING	
Health :	3
Flammability :	1
Reactivity :	0
Personal Protection :	X

## NFPA CODES



### Potential Health Effects:

**SKIN:** Corrosive. Will cause permanent skin damage and scarring.

**EYES:** Will cause eye burns and permanent tissue damage.

**INHALATION:** Harmful. Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result.

**INGESTION:** Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.

**CHRONIC HAZARDS:** Prolonged exposure may result in chemical burns and permanent damage. Repeated or prolonged exposure can cause sensitization, asthma and eczemas.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This document is a pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Chemical Name	Weight %	CAS Number
Isophoronediamine	10-30%	2855-13-2
Benzyl Alcohol	10-30%	100-51-6
Trade Secret	40-70%	N/A

### 4. FIRST AID MEASURES

**GENERAL ADVICE:** Consult a physician. Show this safety data sheet to physician in attendance.

**EYES:** Hold eyelids open and flush with plenty of water for at least 20 minutes. Get Medical Attention.

**SKIN:** Remove product and flush with plenty of water for at least 20-30 minutes. Contact a physician if irritation develops or persists. Wash with soap and water. Remove contaminated clothing immediately, wash before next use, and discard any items too difficult to clean.

**INGESTION:** DO NOT INDUCE VOMITING! Call a physician or poison control center immediately. Give victim a glass of water or milk. Never give anything by mouth to an unconscious person.

**INHALATION:** Consult a physician. Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

### 5. FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Alcohol Foam. Dry Chemical Foam. Carbon Dioxide. Dry Sand.

**For safety reasons, unsuitable extinguishing agents:** water spray. Water fog.

**SPECIAL FIRE & UNUSUAL HAZARD:** May generate toxic fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

**SPECIAL FIREFIGHTING INSTRUCTIONS:** Firefighters should be equipped with NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode to protect against potentially toxic and irritating fumes. Use cold water spray to cool fire-exposed containers to minimize the risk of rupture.

**ADDITIONAL INFORMATION:** Remove all ignition sources. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**HAZARDOUS COMBUSTION PRODUCTS formed under fire conditions:** carbon oxides, nitrogen oxides, ammonia gas



# SAFETY DATA SHEET

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Evacuate personnel to safe area. Ensure adequate ventilation. Wear a self-contained breathing apparatus and appropriate personal protective equipment.

**Environmental precautions:**

Approach suspected leak areas with caution. Prevent further leaking if safe to do so. Construct a dike to prevent spreading. Flush area with water spray. Absorb spill with inert material (ex. dry sand or earth) and place in a chemical waste container for disposal. Avoid runoff into storm sewers and ditches which lead into waterways. Discharge into the environment must be avoided. If seepage into the environment has occurred, notify respective authorities. Open enclosed spaces to outside atmosphere if possible and stop flow of product.

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. HANDLING AND STORAGE

**HANDLING:** Handle in a well-ventilated workspace. Empty containers may contain explosive vapors. Flush empty containers with water to remove residual flammable liquid vapors. Ground all containers during material transfer. Avoid breathing dust, vapor or mist. Avoid contact with eyes. Avoid contact with skin or clothing.

**STORAGE:** Keep from freezing. Keep container closed when not in use. Keep container in a cool, well-ventilated place. Keep away from food, drink, and animal feed stuffs. Keep away from ignition sources and other incompatibilities. Store in original container or a container very similar to that of the original.

## 8. EXPOSURE CONTROLS\PERSONAL PROTECTION

**Ventilation:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

**Personal Protection Equipment:**

**Respiratory Protection:** In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended. For emergency situations use self-contained breathing apparatus with pressure demand mode.



**Skin Protection:** Where contact is likely, wear chemical resistant gloves, rubber boots, and chemical safety goggles. Gloves should be tested for chemical resistance before reliable use. (penetration times, rates of diffusion and rate of degradation). Wear long sleeves and pants, exposing as little skin as possible.



**Eye Protection:** Wear chemical safety glasses with side shields or goggles. In the event of an emergency, use eye goggles with a full face shield. DO NOT WEAR CONTACT LENSES when working with this material!!!

**Hygienic Practices:** Wash hands before eating. Remove contaminated clothing and wash before reuse. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing.

# SAFETY DATA SHEET

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Volatile Organic Content:</b> 66.6759324	<b>Solubility in Water:</b> Insoluble
<b>Color:</b> Gardener Scale 1-2	<b>Specific Gravity @ 20°C:</b> 1.0124748
<b>Odor:</b> Amine.	<b>pH @ 100%:</b> N.A.
<b>Physical Appearance:</b> Clear liquid.	<b>Melting/Freezing point:</b> N/A
<b>Boiling Point:</b> N/A	<b>Flashpoint:</b> N/A
<b>Ignition Temperature:</b> N/A	<b>Auto-ignition temperature:</b> N/A
<b>Explosion Limits:</b>	<b>Water solubility:</b> Insoluble
<b>Lower:</b> N/A	<b>Partition coefficient (n-octanol/water):</b> N/A
<b>Upper:</b> N/A	<b>Relative vapor density:</b> N/A
<b>Odor Threshold:</b> N/A	<b>Evaporation rate:</b> N/A
<b>N/A = Not Available    N/D = Not Determined    Ca. = Approximate</b>	

## 10. STABILITY AND REACTIVITY

**STABILITY:** This product is stable under recommended and normal storage conditions.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

**INCOMPATIBILITY:** Strong acids, acids. Epoxies. Isocyanates. Reactive metals, materials reactive with hydroxyl compounds, organic acids, mineral acids, sodium hypochlorite, metals, peroxides, oxidizing agents, strong bases, ammonia, hydrogen fluoride, oxygen difluoride, chlorine trifluoride

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion: Nitric Acid, Ammonia, Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide, Aldehydes, Flammable hydrocarbons

**CONDITIONS TO AVOID:** Open Flame / Sparks / Sources of ignition. Heat.

## 11. TOXICOLOGICAL INFORMATION

**Component Toxicological Information:** (Acute)

**Likely routes of entry:** Skin Contact, Skin absorption, Ingestion, Inhalation

Benzyl Alcohol

LD50 Oral    Rabbit 1040 mg/kg

LD50 Dermal    Rabbit 2000 mg/kg

Not classified as a carcinogen by ACGIH, NTP, OSHA or IARC.

Sensitization: May cause sensitization of susceptible persons by skin contact.

Skin irritation/corrosion: Corrosive in an invitro test.

### CHRONIC HEALTH HAZARD:

The product or a component may be mutagenic, the data is inconclusive. Rats exposed orally to 800 mg/kg benzyl alcohol for 13 weeks exhibited CNS depression and histopathological changes in the brain, thymus and skeletal muscles. The No Observed Adverse Effect Level (NOAEL) was 400 mg/kg. No evidence of carcinogenicity was seen in a two-year study with rats and mice.

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## 12. ECOLOGICAL INFORMATION

**Marine Pollutant/Ecotoxicity:** Exposure at low concentrations may kill fish. Not a marine pollutant in respect to DOT regulations.

Toxicity to Fish:

Benzyl Alcohol: LC50 (96h): 10 mg/l Lepomis macrochirus  
LC50 (96h): 460 mg/l Pimephales promelas

Toxicity to Algae:

Benzyl Alcohol: IC50 (72h): 700 mg/l Algae

**Environmental Fate:** Low bioaccumulation potential. Do not allow material to enter sewers, contact soil or enter any body of water.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Do not dispose of with household waste. Do not dispose of in landfill. Do not allow contact with sewers or waterways. Comply with all Federal, State and Local regulations. Incinerate in admixture with fuel equipped with a scrubber to remove nitrogen oxides and carbon monoxide. Disposal of in permitted waste management facility if incineration or landfill is not practicable.

## 14. TRANSPORT INFORMATION

### DOT SHIPPING INFORMATION

**DOT Proper Shipping Name:** Amines, Liquid, Corrosive, N.O.S.

**DOT Technical Name:** Amines, Liquid, Corrosive, N.O.S. (Cycloaliphatic amine Blend)

**DOT Hazard Class:** Class 8

**Hazard Subclass:** N.A.

**DOT I.D. Number:** UN2735

**Packing Group:** II

### IMDG

**Technical Name:** Amines, Liquid, Corrosive, N.O.S. (Cycloaliphatic amine Blend)

**Hazard Class:** Class 8

**Hazard Subclass:** N.A.

**I.D. Number:** UN2735

**Packing Group:** III

### INTERNATIONAL REGULATIONS:

**CANADIAN WHMIS:** This MSDS has been prepared in compliance with the hazard criteria of the Controlled Product Regulations and the MSDS contains the information required by those regulations.

**CANADIAN WHMIS CLASS:** E



D2B



# SAFETY DATA SHEET

## 15. REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS AS FOLLOWS-

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** Hazardous by definition of Hazard Communication Standard.

Corrosive. Skin Sensitizer.

### CERCLA/ Super Fund (40 CFR 117, 302):

#### CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard (Acute)    Delayed Health Hazard (Chronic)

### SARA Toxic Chemicals (40 CFR 372):

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:    **None.**

**TOXIC SUBSTANCES CONTROL ACT:** All chemicals in this compound are listed on the TSCA

### NEW JERSEY RIGHT-TO-KNOW/ PENNSYLVANIA RIGHT-TO-KNOW:

Chemical Name	CAS Number
Benzyl Alcohol	100-51-6

**California Proposition 65:** To the best of our knowledge, no Proposition 65 chemicals exist in this product.

## 16. OTHER INFORMATION

THE INFORMATION HEREIN HAS BEEN COMPILED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, SUPERIOR MANUFACTURING CORPORATION CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY FOR ITS USE.