

# Material Safety Data Sheet



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Revision Number 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** HYDROSIZE U2-01  
**Product Code** U201  
**Manufacturer** Michelman, Inc.  
9080 Shell Road  
Cincinnati, Ohio 45236  
(513)793-7766

**In case of emergency call CHEMTREC 1-800-424-9300** **1-800-424-9300; 1-703-527-3887(Int.)**  
Emergency telephone 1-800-215-1618

## 2. HAZARD IDENTIFICATION

### Emergency Overview

No information available.

**Color** No information available. **Physical State** Liquid **Odor** No information available

**HMIS** **Health Hazard** 1 **Flammability** 0 **Stability** 0 **PPE** B

**OSHA Regulatory Status** Information listed in Sections 3, 11, and 15 is consistent with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and has also been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR)

**Potential Health Effects**  
**Principle Routes of Exposure**  
**Target Organ Effects**

No information available.  
No information available.

**Acute Toxicity**  
**Eyes**  
**Skin**  
**Inhalation**  
**Ingestion**

No known effect based on information supplied  
No known effect based on information supplied  
No known effect based on information supplied  
No known effect based on information supplied

**Chronic Effects** No known effect based on information supplied

**Aggravated Medical Conditions** None known

**Environmental Hazard** See Section 12 for additional Ecological Information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Michelman Formulas are confidential and proprietary. All formula components that are hazardous under the OSHA Hazard Communication Standard are listed below.

### 4. FIRST AID MEASURES

<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician
<b>Skin Contact</b>	Wash skin with soap and water
<b>Inhalation</b>	Artificial respiration and/or oxygen may be necessary
<b>Ingestion</b>	Get medical attention immediately if symptoms occur
<b>Notes to Physician</b>	Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	Not flammable
<b>Flash Point Method</b>	Not flammable. Tag closed cup
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Extinguishing media which shall not be used for safety reasons</b>	Do not use straight stream of water for fire fighting as the buring material may be spread
<b>Explosive Properites</b>	
<b>Mechanical sensitivity (shock)</b>	Not applicable
<b>Mechanical sensitivity (Friction)</b>	Not applicable

#### **Protective Equipment and Precautions for Firefighters**

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

### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Use personal protective equipment
<b>Environmental Precautions</b>	Do not flush into surface water or sanitary sewer system
<b>Methods for Cleaning Up</b>	Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal

### 7. HANDLING AND STORAGE

<b>Handling</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
<b>Engineering Measures</b>	Ensure that eyewash stations and safety showers are close to the workstation location

**Personal Protective Equipment**

**Eye/Face Protection**  
**Skin and Body Protection**  
**Respiratory Protection**

Safety glasses with side-shields  
 Protective gloves  
 None under normal use conditions

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Liquid	<b>Color</b>	No information available.
<b>Odor</b>	Slight	<b>pH</b>	Not determined
<b>Autoignition Temperature</b>	No information available	<b>Boiling Point/boiling range</b>	No information available
<b>Melting Point/Range</b>	No information available	<b>Freezing point</b>	0 °C
<b>Explosion Limits</b>	No information available	<b>Specific Gravity</b>	1.000
<b>Density</b>	8.32	<b>VOC Content(%)</b>	.0128
<b>Actual VOC (lb/gal)</b>	0.0089		

**Ammonia Percent by Weight** None

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions

**Conditions to Avoid** None known

**Incompatible Products** None known based on information supplied

**Hazardous Decomposition Products** Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity** No information available.

**Chronic Toxicity** None known

**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen

**Mutagenic Effects** None known

**Reproductive Toxicity** None known

**Target Organ Effects** None known.

**Endocrine System**

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances
Polyethylene glycol branched nonylphenyl ether	Group III Chemical	

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to microorganisms	Daphnia Magna (Water Flea)
2-(Dimethylamino) ethanol	h EC50 72 35 mg/L			h EC50 48 98.77 mg/L

### Fate and behavior in the environment

Chemical Name	Log Pow
1,2-Benzisothiazolin-3-one	1.3
2-(Dimethylamino) ethanol	-0.55
TRIPHENYL PHOSPHITE	4.98

## 13. DISPOSAL CONSIDERATIONS

### Waste Disposal Method

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

### Contaminated Packaging

Dispose of in accordance with local regulations

## 14. TRANSPORT INFORMATION

### DOT

Not regulated

### IATA

Not regulated

### IMDG/IMO

Not regulated

15. REGULATORY INFORMATION

**International Inventories**

TSCA (USA)	Complies
DSL (Canada)	Does not Comply
EINECS (Europe)	Complies
ENCS (Japan)	Does not Comply
IECSC (China)	Complies
KECL (Korea)	Does not Comply
PICCS (Philippines)	Does not Comply
AICS (Australia)	Does not comply
ERMA (New Zealand)	Does not comply

**Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

**Clean Water Act**

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
SODIUM HYDROXIDE	1000 lb			X

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

Chemical Name	CAS-No	Weight %	HAPS data	Volatile Organic Compounds	Class 1 Ozone Depletors	Class 2 Ozone Depletors
DIPROPYLENE GLYCOL	25265-71-8	.0128		Present		

**CERCLA**

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
SODIUM HYDROXIDE	1000 lb	

**State Regulations**

**California Prop. 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	CAS-No	California Prop. 65
1,4-DIOXANE (1,4-DIETHYLENEOXIDE)	123-91-1	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey
1,4-DIOXANE (1,4-DIETHYLENEOXIDE)	X
SODIUM HYDROXIDE	X
2-(Dimethylamino) ethanol	X

## 16. OTHER INFORMATION

**Prepared By** Michelman, Inc.  
**Revision Note** No information available

### Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Material Safety Data Sheet**