

# MICHELMAN<sup>®</sup>

## SAFETY DATA SHEET

Classification according to the regulation OSHA 29 CFR 1910.1200 HCS 2012

Issuing Date 19-Apr-2018

Revision date 19-Apr-2018

Revision Number 7

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product Identifier

Product name MICHEM ILP 030  
Product code ILP030

#### Recommended use of the chemical and restrictions on use

Recommendations on Use Industrial use  
Uses advised against No information available

#### Details of the supplier of the safety data sheet

Manufacturer Michelman, Inc.  
9080 Shell Road  
Cincinnati, Ohio 45236  
(513)793-7766

#### Emergency Telephone Number

Emergency Telephone CHEMTREC: +1-703-741-5970 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

### 2. HAZARDS IDENTIFICATION

#### Classification

#### **OSHA Regulatory Status**

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal word None

Hazard statements None

Symbols/Pictograms None

#### **Precautionary Statements - Prevention**

None

#### Hazards Not Otherwise Classified (HNOC)

Not applicable

#### OTHER INFORMATION

None

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formulas are confidential and proprietary. Therefore, a percent range is provided for the concentration of each classified component in this mixture.

The product contains no substances known to be hazardous to health in concentrations which need to be taken into account

### 4. FIRST AID MEASURES

## **FIRST AID MEASURES**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	Rinse mouth. If symptoms persist, call a physician.

### **Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects** No information available.

### **Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically.

## **5. FIRE-FIGHTING MEASURES**

### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Extinguishing media which must not be used for safety reasons**

Do not use a solid water stream as it may scatter and spread fire.

### **Specific hazards arising from the chemical**

No information available.

### **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**

### **Personal precautions, protective equipment and emergency procedures**

<b>Personal precautions</b>	Ensure adequate ventilation.
<b>Environmental precautions</b>	Do not allow into any sewer, on the ground or into any body of water.
<b>Methods for containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice.

### **Conditions for safe storage, including any incompatibilities**

<b>Storage</b>	Keep containers tightly closed in a dry, cool and well-ventilated place.
<b>Incompatible Products</b>	None known based on information supplied.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **Exposure guidelines - U.S.**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

<b>Engineering Measures</b>	Showers Eyewash stations Ventilation systems.
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### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	Tight sealing safety goggles.
<b>Skin and body protection</b>	Long sleeved clothing. Protective gloves.
<b>Respiratory protection</b>	No special protective equipment required.
<b>Hygiene Measures</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	liquid
<b>Appearance</b>	white
<b>Odor</b>	No information available
<b>Freezing Point</b>	0 °C
<b>Odor Threshold</b>	No information available
<b>Vapor Pressure</b>	No information available
<b>Vapor Density</b>	No information available
<b>pH</b>	8-10
<b>Density</b>	8.34lb/gal
<b>Melting Point / Melting Range</b>	No information available
<b>Boiling Point / Boiling Range</b>	No data available
<b>Flash Point</b>	Not flammable
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Flammability Limit in Air</b>	
<b>Upper Flammability Limit</b>	No information available
<b>Lower Flammability Limit</b>	No information available
<b>Specific Gravity</b>	No information available
<b>Water Solubility</b>	No data available
<b>Partition Coefficient: n-octanol/water</b>	No information available
<b>Autoignition Temperature</b>	No data available

**Decomposition Temperature** No information available

**Viscosity** No data available

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Do not freeze

### Incompatible materials

None known based on information supplied.

### Hazardous decomposition products

None known based on information supplied

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Inhalation</b>	Not an expected route of exposure.
<b>Eye contact</b>	No known effect based on information supplied.
<b>Skin contact</b>	No known effect based on information supplied.
<b>Ingestion</b>	No known effect based on information supplied.

### Acute toxicity

<b>Component Information</b>	No information available
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### Information on toxicological effects

<b>Symptoms</b>	None known.
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### Delayed and immediate effects as well as chronic effects from short and long-term exposure

<b>Carcinogenicity</b>	Contains no ingredients above reportable quantities listed as a carcinogen
<b>Irritation</b>	None known based on information supplied.
<b>Sensitization</b>	None known based on information supplied.
<b>Mutagenic Effects</b>	None known based on information supplied.
<b>Reproductive toxicity</b>	None known based on information supplied.
<b>STOT - single exposure</b>	None known based on information supplied
<b>STOT - repeated exposure</b>	None known based on information supplied.
<b>Aspiration Hazard</b>	None known based on information supplied.

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	27468 mg/kg
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## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

30.50778 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

**Persistence and degradability** Persistence and degradability is not known based on information supplied.

**Mobility** The mobility of this product has not been determined

**Bioaccumulation** Bioaccumulation potential is not known based on information supplied

### Other adverse effects

**Endocrine system** This product does not contain any known or suspected endocrine disruptors

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

**Disposal of wastes** 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** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA (USA)	Complies
DSL (Canada)	Complies
ENCS (Japan)	Complies
IECSC (China)	Complies
KECL (Korea)	Complies
PICCS (Philippines)	Complies
AICS (Australia)	Complies
ERMA (New Zealand)	Complies
Taiwan	Complies

### Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not a chemical which is 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 1310-73-2	1000 lb			X
PHOSPHORIC ACID, TRISODIUM SALT 7601-54-9	5000 lb			X

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) and Volatile Organic Compounds (VOCs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) or volatile organic compounds (VOCs) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances Reportable Quantities	Extremely Hazardous Substances RQs
SODIUM HYDROXIDE 1310-73-2	1000 lb	
PHOSPHORIC ACID, TRISODIUM SALT 7601-54-9	5000 lb	

**16. OTHER INFORMATION**

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

Prepared by                      Michelman, Inc.

Revision date                      19-Apr-2018

Reason for revision                      No information available

**Disclaimer**

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