



# Safety Data Sheet

Issue date 28-Sep-2015

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Version 1

## 1. Identification

### Product Identifier

**Product name** TA-20

### Other means of identification

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

**Recommended use** No information available.

**Application** No information available

### Details of the Supplier of the Safety Data Sheet

Supplier	Manufacturer Address
ICM Products, Inc. 805 Wolfe Avenue Cassopolis, MI 49031	ICM Products, Inc. 805 Wolfe Avenue Cassopolis, MI 49031

### Emergency Telephone Number

**Emergency telephone** Chemtrec 1-800-424-9300

## 2. Hazards Identification

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

carcinogenicity	Category 1A
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### Label Elements

#### EMERGENCY OVERVIEW

**DANGER**

#### **hazard statements**

May cause cancer



**Appearance** No information available

**Physical State** Liquid

**Odor** No information available

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

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

#### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)**

Not Applicable

**OTHER INFORMATION**

Not Applicable.

**3. Composition/information on Ingredients****Substance**

Not Applicable

**Mixture**

Chemical name	CAS No	weight-%	Trade secret
Fumed Silica	60676-86-0	1 - 5	*
Sulfuric Acid	7664-93-9	0.1 - 1	*

**4. First aid measures****Description of first aid measures**

<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash skin with soap and water.
<b>INHALATION</b>	Remove to fresh air.
<b>INGESTION</b>	Clean mouth with water and drink afterwards plenty of water.

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Symptoms** No information available.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Note to physicians** Treat symptomatically.

**5. Fire-fighting measures****Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media** CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

No information available.

**Explosion Data****Sensitivity to Mechanical Impact** None.**Sensitivity to Static Discharge** None.**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

**Personal Precautions** Ensure adequate ventilation, especially in confined areas.

### Environmental Precautions

**Environmental Precautions** See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Pick up and transfer to properly labeled containers.

## 7. Handling and Storage

### Precautions for Safe Handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

## 8. Exposure Controls/Personal Protection

### Control Parameters

#### Ingredients with workplace exposure parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Fumed Silica 60676-86-0	-	(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (80)/(% SiO <sub>2</sub> ) mg/m <sup>3</sup> TWA TWA: 20 mppcf	-
Sulfuric Acid 7664-93-9	TWA: 0.2 mg/m <sup>3</sup> thoracic fraction	TWA: 1 mg/m <sup>3</sup> (vacated) TWA: 1 mg/m <sup>3</sup>	IDLH: 15 mg/m <sup>3</sup> TWA: 1 mg/m <sup>3</sup>

NIOSH IDLH *Immediately Dangerous to Life or Health*

**OTHER INFORMATION** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

### Appropriate Engineering Controls

**Engineering controls** Showers  
Eyewash stations

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** No special technical protective measures are necessary.

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory Protection** Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

**General hygiene considerations** 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>Odor</b>	No information available
<b>Appearance</b>	No information available	<b>Odor threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>VALUES</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / Freezing point	No information available	
Boiling point / Boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability limit in air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	No information available	
Water solubility	No information available	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

### OTHER INFORMATION

<b>Softening point</b>	No information available
<b>Molecular weight</b>	No information available
<b>VOC content (%)</b>	No information available
<b>Density</b>	No information available
<b>Bulk density</b>	No information available

## 10. Stability and Reactivity

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### 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>Product information</b>	No data available.
<b>INHALATION</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>INGESTION</b>	No data available.

Chemical name	Oral LD50	dermal LD50	Inhalation LC50
Sulfuric Acid 7664-93-9	= 2140 mg/kg ( Rat )	-	= 510 mg/m <sup>3</sup> ( Rat ) 2 h

### Information on Toxicological Effects

**Symptoms** No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**sensitization** No information available.  
**Germ Cell Mutagenicity** No information available.  
**carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

Chemical name	ACGIH	IARC	NTP	OSHA
Fumed Silica 60676-86-0	-	Group 3	-	-
Sulfuric Acid 7664-93-9	A2	Group 1	Known	X

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A2 - Suspected Human Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 1 - Carcinogenic to Humans*

*Not classifiable as a human carcinogen*

*NTP (National Toxicology Program)*

*Known - Known Carcinogen*

*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*

*X - Present*

**Reproductive Toxicity** No information available.  
**STOT - Single Exposure** No information available.  
**STOT - Repeated Exposure** No information available.  
**Aspiration Hazard** No information available.

### Numerical Measures of Toxicity - Product information

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

**ATEmix (oral)** 90,420.00 mg/kg  
**ATEmix (dermal)** 10,638.00 mg/kg

## 12. Ecological Information

### Ecotoxicity

### Persistence and Degradability

No information available.

**Bioaccumulation**

No information available.

**Other Adverse Effects**

No information available

**13. Disposal Considerations****Waste Treatment Methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**14. Transport Information**

<b>DOT</b>	NOT REGULATED
<b>IATA</b>	NOT REGULATED
<b>IMDG</b>	NOT REGULATED
<b>TDG</b>	NOT REGULATED
<b>MEX</b>	NOT REGULATED
<b>ICAO (air)</b>	NOT REGULATED
<b>RID</b>	NOT REGULATED
<b>ADR</b>	NOT REGULATED
<b>ADN</b>	NOT REGULATED

**15. Regulatory Information****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies
<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US 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

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sulfuric Acid 7664-93-9	1000 lb	-	-	X

**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 RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sulfuric Acid 7664-93-9	1000 lb	1000 lb	RQ 1000 lb final RQ RQ 454 kg final RQ

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical name	California Proposition 65
Sulfuric Acid - 7664-93-9	Carcinogen

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Fumed Silica 60676-86-0	X	X	-
Sulfuric Acid 7664-93-9	X	X	X

**U.S. EPA Label information**

EPA Pesticide registration number Not Applicable

**16. Other information, including date of preparation of the last revision**

<b>NFPA</b>	Health Hazards 0	Flammability 0	Instability 0	-
<b>HMIS</b>	Health Hazards 0	Flammability 0	Physical Hazards 0	- X

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Revision note

No information available

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet