

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **IWM 4020**
Scale/deposit control

Issue Date: April, 2016



Manufacturer:
Integrated Water Management, Inc.
289 Cortland Drive
Dryden, NY 13053
Phone Number: 607.844.4276

24 Hour Emergency Number: 800.255.3924

2. HAZARDS IDENTIFICATION

Hazard Statements: No specific health hazards.

Precautionary Statements:

Prevention:

Wear protective gloves. Wear eye or face protection. Wear protective clothing. Keep only in original container. Wash hands thoroughly after handling.

Response:

Absorb spillage to prevent material damage.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.

IF SWALLOWED: Immediately call a POISON CENTER or physician. Rinse mouth. Do NOT induce vomiting.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Aqueous solution of an acrylic acid polymer (20-43%). Not classified

4. FIRST AID MEASURES

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

Skin Contact: Take off immediately all contaminated clothing. Rinse skin with water or shower. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.

Ingestion: Get medical attention immediately. Rinse mouth. Do NOT induce vomiting.

Note to Physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING MEASURES

Flash Point:	Non-flammable
Method:	Non-flammable
Autoignition Temperature:	Non-flammable
Flammable Limits in Air, by Volume:	Upper: Non-flammable Lower: Non-flammable
Extinguishing Media:	Non-flammable/Non-combustible Use water spray to keep fire-exposed containers cool.
Fire Fighting Procedures:	Use water to cool containers, but avoid getting water into containers. Wear NIOSH/MSHA approved positive-pressure self-contained breathing apparatus and full protective clothing.
Fire and Explosion Hazard:	Fire create: Toxic gases/vapor/fumes. Carbon monoxide, Carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Evacuate unnecessary personnel.

Follow protective measures provided under Personal Protection in Section 8.

Environmental Precautions

Contain liquids and prevent discharges to streams or sewers. Large leaks may require environmental consideration and possible evacuation.

Methods for Cleaning Up

All clean-up material should be removed for proper treatment or disposal. Affected soils should be removed and placed in approved containers.

7. HANDLING AND STORAGE

Handling

Wash contaminated clothing before reuse. Do not take internally. Wear personal protective equipment as described in Exposure Controls/Personal Protection (Section 8) of the SDS. Wash thoroughly after handling. Containers, even those that have been emptied, will retain product residue and vapor and should be handled as if they were full.

Storage

Keep container tightly closed and properly labeled.

Dikes should hold 110% of storage volume.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No exposure limit for ingredients.

Engineering Controls

No special ventilation required under normal use.

Where engineering controls are not feasible use adequate local exhaust ventilation wherever mist, spray, or vapor may be generated.

Personal Protection

Respiratory:

Respiratory protection is not required under normal use.

If needed, wear an approved NIOSH/MSHA respirator.

Eye/Face:

Wear chemical safety goggles.

When appropriate, use a face shield to protect against splashing.

Skin:

Wear chemical resistant gloves such as rubber, neoprene, or vinyl.

Wash contaminated clothing and dry before reuse.

Whenever there is a possibility of splash or contact, wear chemical resistant clothing and boots.

Discard shoes that cannot be decontaminated.

Other:

Emergency shower and eyewash facility should be in close proximity. (ANSI Z358.1)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Clear liquid
Appearance	Colorless
Odor	Mild
Boiling Point	101 – 103 degree C
Melting Point	ND
Specific Gravity (Water = 1)	1.13
Solubility in Water	Completely soluble
pH (concentrate)	3.5 - 4.5
Vapor Pressure (Air = 1)	ND
Viscosity	30-60 cSt @ 25 C
Partition coefficient	<0

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable
Reacts with:	Alkalis and generates heat
Hazardous Polymerization:	Will not occur
Comments:	Strong alkalis
Hazardous Decomposition Products:	Fire creates: Toxic gases/vapors/fumes of Carbon monoxide and Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Toxic Dose 1- LD 50	>5000 mg/kg (oral rat)
Inhalation:	No specific health hazards.
Eyes:	Non-irritant.
Skin:	Non-irritant. Not a skin sensitizer
Ingestion:	May cause discomfort if swallowed. May cause stomach pain or vomiting.
<u>Medical Conditions Aggravated by Exposure</u>	None known

12. ECOLOGICAL INFORMATION

LC 50, 96 hrs, Fish mg/l	>1000
EC 50, 48 hrs, Daphnia, mg/l	>100
IC 50, 72 hrs, Algae, mg/l	>100

Degradability
This product is not readily biodegradable.

Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, under federal and state guidelines.

13. DISPOSAL INFORMATION

Dispose of all waste and contaminated equipment in accordance with all applicable federal, state, and local health, and environmental regulations.

14. TRANSPORT INFORMATION

DOT Identification Number: Not applicable
DOT Marine Pollutant(s): Not applicable
Additional Description Requirement: Not applicable

15. REGULATORY INFORMATION

SARA 302-TPC None

CERCLA-RQ None

SARA 313 None

Regulatory Status (US)

Section 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. The ingredients of this product are on the TSCA Inventory.

Regulatory References

29 CFR 1910.1010 Federal Regulations (OSHA Standard).

Workplace Hazardous Materials Information System – WHMIS

Labels for Supply

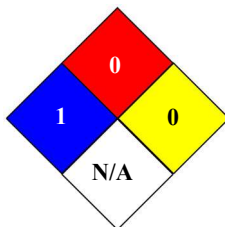
Not Classified
According to WHMIS

16. OTHER INFORMATION

HMIS

1	Health
0	Flammability
0	Physical Hazard
C	Protective Equipment

NFPA



For additional non-emergency health, safety, or environmental information, contact:



Integrated Water Management, Inc.

289 Cortland Drive
Dryden, NY 13053
Phone Number: 607.844.4276

The information on this Safety Data Sheet reflects the latest information and data that we have on hazards, properties, and handling of this product under the recommended conditions of use. Any use of this product or method of application which is not described in the Product Data Sheet is the responsibility of the user. IT IS FURNISHED WITHOUT WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED.

