

# WT-1050

## SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

#### Product identifier

Chemical Name	Not applicable.
CAS No.	Mixture
Trade Name	WT-1050
Product Code	None

#### Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Water Treatment Chemical
Uses Advised Against	None

Company Identification	Anderson Chemical Company 325 South Davis Avenue Litchfield, MN 55355
Telephone	1-800-366-2477

#### Emergency telephone number

Emergency Phone No.	For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA, Canada, Puerto Rico and U.S. Virgin Islands: 1-800-424-9300
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### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Skin Corr. 1C; Eye Dam. 1

#### Label elements

Hazard Symbol



**DANGER**

Signal Word(s)

Hazard Statement(s)

Causes severe skin burns and eye damage.  
May be corrosive to metals.

Precautionary Statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapours/spray.  
Wash hands and exposed skin after use.

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Keep only in original container.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Treat symptomatically. Get immediate medical attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

IF ON SKIN: Wash with plenty of soap and water. If irritation (redness, rash, blistering) develops, get medical attention.

Keep out of reach of children.

None

Other hazards

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	% wt.	CAS No.
Polycarboxylate, sodium salt	8 - 10	Trade Secret
Polymaleic polymer	19 - 21	Trade Secret
Proprietary scale / corrosion inhibitor	6 - 8	Trade Secret
Water	61 - 67	7732-18-5

Additional Information - None

## SECTION 4: FIRST AID MEASURES



### Description of first aid measures

Inhalation

Not normally required. Move person to fresh air. If breathing is laboured, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact

Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact

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

Ingestion

Rinse mouth. Do not induce vomiting. Treat symptomatically. Get immediate medical attention.

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

None known.

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

None known.

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## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray.  
None known.

### Special hazards arising from the substance or mixture

None known.

### Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

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

### Environmental precautions

Avoid run off to waterways and sewers.

### Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

### Reference to other sections

None

### Additional Information

None

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Avoid contact with skin and eyes. When using do not eat, drink or smoke. Wear protective gloves/protective clothing/eye protection/face protection. Store in corrosive resistant container with a resistant inner liner.

### Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store at room temperature.  
Strong oxidising agents.

### Specific end use(s)

Water Treatment Chemical

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		STEL		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
None	-----	-----	-----	-----	-----	-----

### Recommended monitoring method

None

### Exposure controls

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## Appropriate engineering controls

Not normally required.

## Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear protective gloves. (Nitrile rubber, PVC, Natural rubber)



Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

## Environmental Exposure Controls

None known

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance

Liquid

Color.

Not available

Odor

Not available

Odor Threshold (ppm)

Not available

pH (Value)

Not available

Melting Point (°C) / Freezing Point (°C)

~0 (~32 °F) - Water

Boiling point/boiling range (°C):

~100 (~212 °F) - Water

Flash Point (°C)

Non-combustible

Evaporation Rate

Not available

Flammability (solid, gas)

Not applicable

Explosive Limit Ranges

Not applicable

Vapour pressure (Pascal)

2,226 @ 20 °C (17 mmHg @ 68 °F) - Water

Vapour Density (Air=1)

Not applicable

Density (g/ml)

Not available

Solubility (Water)

Soluble.

Solubility (Other)

Not available

Partition Coefficient (n-Octanol/water)

Not available

Auto Ignition Point (°C)

Not applicable

Decomposition Temperature (°C)

Not available

Kinematic Viscosity (cSt)

Not applicable

Explosive properties

Not explosive.

Oxidizing properties

Not oxidizing.

### Other information

Not available

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## SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	None known
Hazardous decomposition product(s)	None known

## SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

### Substances in preparations / mixtures

Polymaleic polymer – (CAS# Trade Secret) - (By analogy with similar materials):

Acute toxicity	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw
Irritation/Corrosivity	Causes severe skin burns and eye damage.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	No information available
Carcinogenicity	No data. It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	Not to be expected

Polycarboxylate, sodium salt – (CAS# Trade Secret)

(By analogy with similar materials)

Acute toxicity	Oral: LD50 >5 g/kg-bw Dermal: LD50 >2 g/kg-bw
Irritation/Corrosivity	Repeated exposure may cause skin dryness or cracking.
Sensitization	It is not a skin sensitizer.
Repeated dose toxicity	No information available
Carcinogenicity	No data. It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	There is no evidence of mutagenic potential.
Reproductive toxicity	Not to be expected

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Proprietary Scale / Corrosion Inhibitor – (CAS# Trade Secret)

<b>Acute toxicity</b>	Oral: LD50 >2 g/kg-bw Dermal: LD50 >4 g/kg-bw
<b>Irritation/Corrosivity</b>	Causes serious eye irritation.
<b>Sensitization</b>	It is not a skin sensitizer.
<b>Repeated dose toxicity</b>	No information available
<b>Carcinogenicity</b>	No data. It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

<b>Mutagenicity</b>	There is no evidence of mutagenic potential.
<b>Reproductive toxicity</b>	Not to be expected

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Polymaleic polymer – (CAS# Trade Secret):

Short term (By analogy with similar materials)	LD50 (96 hour): >100 mg/L (Fish) EC50 (48 hour): >100 mg/l (Aquatic invertebrates) EC50 (96 hour): >100 mg/l (Aquatic plants)
Long Term	No data
<b>Persistence and degradability</b>	Not available.
<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>Other adverse effects</b>	None known.

Polycarboxylate, sodium salt – (CAS# Trade Secret) – (CAS# 115035-53-5)

Short term (By analogy with similar materials)	LC50 (96 hour): >1,000 mg/L ( <i>Ochorhynchus mykiss</i> ) EC50 (48 hour): >1,000 mg/l ( <i>Daphnia magna</i> ) EC50 (96 hour): >100 mg/l (Aquatic plants)
Long Term	No data
<b>Persistence and degradability</b>	Not persistent. This substance is not readily biodegradable.
<b>Bioaccumulative potential</b>	The product has no potential for bioaccumulation.
<b>Mobility in soil</b>	Not available.
<b>Results of PBT and vPvB assessment</b>	Not classified as PBT or vPvB.
<b>Other adverse effects</b>	None known.

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## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

## SECTION 14: TRANSPORT INFORMATION

	Land transport (U.S. DOT)	Sea transport (IMDG)	Air transport (ICAO/IATA)
UN number	UN 3265	UN 3265	UN 3265
Proper Shipping Name	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)	Corrosive liquid, acidic, organic n.o.s. (Polymaleic polymer)
Transport hazard class(es)	8	8	8
Packing group	II	II	II
Hazard label(s)	Corrosive	Corrosive	Corrosive
Environmental hazards	No	No	No
Special precautions for user	None Assigned	None Assigned	None Assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

## SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories: Refer to SECTION 2 - HAZARDS IDENTIFICATION.

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
None	----	----

## SECTION 16: OTHER INFORMATION

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**The following sections contain revisions or new statements: 1-16.**

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