

**1 – PRODUCT IDENTIFICATION**

**PRODUCT NAME:**.....**RA9051**  
**PRODUCT NUMBER:** .....RA9051  
**DESCRIPTION:**.....Intended for Industrial Use  
**OTHER MEANS OF IDENTIFICATION:**.....Dark brown liquid with a faint odor..  
**RECOMMENDED USE:**.....Scale Inhibitor.  
**RESTRICTIONS ON USE:**.....Use only as directed.

**COMPANY:**..... CHEMTRON CORPORATION  
3500 Harry S. Truman Blvd  
St. Charles, MO 63301  
636-940-5445 (Mon-Fri., 8:00-4:00)  
www.chemtroncorporation.com

**EMERGENCY PHONE:** .....(800) 424-9300 (CHEMTREC)  
**REVISION DATE:**.....August 13, 2019

**2 – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:**.....Dark brown liquid, with a slight odor. Use reasonable care in handling. Protect eyes, skin and avoid spills on clothing. Keep container tightly closed when not in use. Store in cool, dry area. Avoid excessive breathing of vapors. Maintain adequate ventilation

**CLASSIFICATION 29 CFR 1910.1200:** .....Product is hazardous by OSHA criteria.

Skin corrosion/irritation .....Category 1B



**GHS SIGNAL WORD:** .....**Danger**

**GHS HAZARD STATEMENTS:**.....H314: Causes severe skin burns and eye damage

**GHS PRECAUTIONARY STATEMENTS:**.....P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P264: Wash ... thoroughly after handling, wash gloves and contaminated surfaces.  
P280: Wear protective gloves/protective clothing/eye protection/face protection; when conditions warrant use, add face shield, apron, and/or rubber boots.  
P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately, call a doctor.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing for 15 min. call a doctor.



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P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 P310: Immediately call a POISON CENTER/doctor/...  
 P321: Specific treatment (see ... on this label).  
 P405: Store locked up  
 P501: Dispose of contents/container in accordance with local state and federal regulations.

**HAZARDS NOT OTHERWISE CLASSIFIED:** .....Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance.

**POTENTIAL ENVIRONMENTAL EFFECTS:** .....Avoid release to the environment.

<b>3 – COMPOSITION / INFORMATION ON INGREDIENTS</b>
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HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Polymaleic Polymer	10-20	Trade secret

percent by weight of the ingredients in this formulation is proprietary.

<b>4 – FIRST-AID MEASURES</b>
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**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.

**ACUTE SYMPTOMS:**.....Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

**IMMEDIATE OR SPECIAL TREATMENT:** .....Wash with soap and water. Get medical attention if irritation develops or persists. Treat symptomatically and supportively.



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### 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**.....Not flammable

**EXTINGUISHING MEDIA:**.....Extinguish with carbon dioxide, dry chemical, foam or water spray

**SPECIAL FIRE FIGHTING PROCEDURES:** .....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

### 6 – ACCIDENTAL RELEASE MEASURES

**SPILL PROCEDURES:**.....Prevent further leakage or spillage if safe to do so. Discharge into the environment must be avoided. Prevent entry into waterways, sewers, basements or confined areas. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves. Stay upwind. Water Spill: Prevent additional discharge of material if possible to do so without hazard. Warn occupants and downstream/downwind areas of release of corrosive hazardous material and request all to stay clear. This material will sink and is soluble/dispersible in water, it is probably not recoverable. Notify Authorities. **LARGE SPILLS:** Shut off leak if safe to do so.

**PERSONAL PRECAUTIONS:**....Do not handle until all safety precautions have been read and understood.

### 7 – HANDLING and STORAGE

**STORAGE:** .....Storage Pressure: Atmospheric. Storage Temperature: Room temperature. Keep from freezing. Store in cool/well-ventilated place. Avoid breathing harmful vapors.

**HANDLING:**.....Keep container closed when not in use. Keep away from food and drinking water. Store in a corrosive resistant container. Read label before use. Leaking or damaged drums must be placed in overpack drums for disposal.

### 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**EXPOSURE LIMITS:** .....Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

**PROTECTIVE CLOTHING:** .....Chemical goggles, face shield, always wear eye protection when working with any chemical. Impervious gloves, clean body covering, rubber apron, rubber boots

**ADDITIONAL MEASURES:**.....Ventilation should be provided to control worker exposures and prevent health risks and as necessary to reduce, prevent and control dust, mist, vapor or aerosol generation. Wash hands before breaks and at the end of workday. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

### 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE:** .....Dark brown liquid.

**ODOR:** .....Slight odor.



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**BOILING POINT:** .....212F  
**VAPOR PRESSURE:**.....No data.  
**VAPOR DENSITY (AIR=1):** .....No data.  
**SPECIFIC GRAVITY:** .....1-1.1  
**pH:** .....2-3  
**SOLUBILITY IN WATER:** .....No data  
**FLAMMABILITY:** .....No data.  
**EVAPORATION RATE:**.....No data.

## 10 – STABILITY and REACTIVITY

**REACTIVITY:** .....Stable under normal conditions  
**STABILITY:** .....Stable  
**HAZARDOUS POLYMERIZATION:** .....Product will not undergo polymerization.  
**INCOMPATIBILITY:** .....None Known  
**HAZARDOUS REACTIONS:** .....None Known  
**HAZARDOUS DECOMP:** .....None Known

## 11 – TOXICOLOGICAL INFORMATION

**LIKELY ROUTES OF EXPOSURE:** .....Skin and/or eye contact. Ingestion. Inhalation.  
**TOXICOLOGICAL CHARACTERISTICS:** .....No data available.  
**DELAYED EFFECTS:** .....No data available.  
**IMMEDIATE EFFECTS:** .....No data available.  
**CHRONIC EFFECTS:** .....No data available.  
**NUMERICAL MEASURES OF TOXICITY:** .....No data available.  
**LISTED CARCINOGEN:** .....No data available

INGREDIENTS	DATA
Polymaleic Polymer	Oral Rat LD50, 5 g/kg

## 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** No data available.  
**PERSISTENCE AND DEGRADABILITY:** .....No data available.  
**BIOACCUMULATIVE POTENTIAL:** .....This product is not expected to bioaccumulate.  
**MOBILITY IN SOIL:** .....No data available.  
**OTHER ADVERSE EFFECTS:** ..No data available.

PRODUCT	DATA
RA9051	LD50 96hr Fish >100 mg/L
RA9051	EC50 48hr Aquatic invertebrates >100 mg/L

**13 –DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** .....Observe all federal, state, and local environmental regulations. Discarded product, as sold, would be considered a RCRA Characteristic Hazardous Waste as it meets the definition /characteristic of corrosivity. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained and properly bunged, then promptly returned to a drum reconditioner, or properly disposed of.

**14 – TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:**.....Corrosive liquid, acidic, organic, n.o.s. (Polymaleic polymer)  
**HAZARD CLASS:** .....8,  
**UN/NA NUMBER:** .....UN3265  
**PACKAGING GROUP :** .....II



**15 - REGULATIONS**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

**TSCA (Toxic Substance Control Act) STATUS:**.....Not listed  
**SECTION 311/312:** .....Not listed

**SARA SECTION 313:**.....Not listed.  
**US EPA CERLA:** .....Not listed  
**SARA SECTION 302/304:**.....Not listed

**16 – OTHER INFORMATION**

**NFPA HAZARD RANKING**

HEALTH	FIRE	REACTIVITY	SPECIAL
2	0	0	corr



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### HMIS HAZARD RANKING

HEALTH	FIRE	REACTIVITY	PPE
3	0	1	

This data is offered in good faith and believed to be accurate, but it is for the users to satisfy themselves of the product suitability for their own purpose. There is no warranty expressed or implied. The recommended hygiene and safe handling procedures are believed to be generally applicable. The information given is designed only as a guidance. 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.