

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:.....**6105**
PRODUCT NUMBER:6105
DESCRIPTION:.....Boiler Water Treatment Oxygen Scavenger.
OTHER MEANS OF IDENTIFICATION:.....Clear or nearly colorless with no odor.
RECOMMENDED USE:.....Oxygen Scavenger.
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:.....October 6, 2020

2 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:.....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.



GHS SIGNAL WORD:**Warning**

GHS CLASSIFICATION:Acute Toxicity Dermal – Category 5
Acute Toxicity Inhalation – Category 4
Acute Toxicity Oral – Category 4

GHS HAZARD STATEMENTS:H303: May be harmful if swallowed,
H313: May be harmful in contact with skin
H333: May be harmful if inhaled

GHS PRECAUTIONARY STATEMENTS:.....P261 : Avoid breathing dust/fume/gas/mist/vapors/spray.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.

HAZARDS NOT OTHERWISE CLASSIFIED:None known



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3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER
Carbohydrazide	7-12	497-18-8

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

4 – FIRST-AID MEASURES

BREATHING (INHALATION):...Move person to fresh air, if effects occur, consult a physician.

SWALLOWING (INGESTION):..Do NOT induce vomiting. Never give anything by mouth to an unconscious person.
Rinse mouth with water. Consult a physician.

EYES:.....Flush eyes with clean water for 15 minutes. If irritation persists, seek medical attention.

SKIN (DERMAL):Immediately wash skin with plenty of soap and water. Remove contaminated clothing and launder before reuse. Get medical attention if irritation persists.

ACUTE SYMPTOMS:.....No data available.

DELAYED EFFECTS:No data available.

IMMEDIATE OR SPECIAL TREATMENT:No data available.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT:.....Not Flammable.

EXTINGUISHING MEDIA:.....Product is not flammable. Use media appropriate for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES:Carbon Monoxide, carbon dioxide or hydrazine may be released in a fire. This product is miscible in water. Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water. Never return spills to original containers for re-use. As a good environmental precaution, avoid discharge into drains, water courses or onto the ground.

PROTECTIVE EQUIPMENT:....If product is involved in a fire, wear full protective clothing including a positive-pressure, NIOSH approved, self contained breathing apparatus.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:.....Use absorbent (soil, sand or other inert material). Collect and seal in properly labeled containers or drums for disposal when possible. Flush spill area with water and spray.

PERSONAL PRECAUTIONS:....Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapors. may be a slipping hazard. Work up wind or increase ventilation. As a good environmental practice; contain/prevent run off into drains and waterways.

7 – HANDLING and STORAGE

STORAGE:Store in original tightly closed container. Store away from incompatible materials. Store container securely closed when not in use. Label precautions also apply to empty containers in accordance with government regulations. For Industrial use only. Do not freeze. Store above Freeze point. If freezes, then mechanical mixing is required.

HANDLING:.....Wear appropriate Personal Protective Equipment (PPE) when handling this product. Do not get in eyes, or on skin and clothing. Wash thoroughly after handling. Do not ingest. Avoid breathing vapors, mists or dusts.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:No exposure limits noted for ingredients.

PROTECTIVE CLOTHING:Use chemical safety glasses with side shields, goggles, or face shield are recommended. Wear protective gloves, wear clean body-covering clothing or apron. Mist respirator as needed.

ADDITIONAL MEASURES:.....Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

NOTE:Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE:Clear or nearly colorless liquid.

ODOR:Odorless.

BOILING POINT:100 (C) (. 212 (F) estimated

VAPOR PRESSURE:.....12 mm hg @ 68 F

VAPOR DENSITY (AIR=1):No data available

SPECIFIC GRAVITY:1.02-1.07

pH:7.0 - 8.0

SOLUBILITY IN WATER:Completely

DENSITY:.....8.56 lb/G

VISCOSITY:.....3 CPS @ 20 (C)

FLAMMABILITY:Not Flamable

EVAPORATION RATE:.....No data available.

MELTING POINT/FREEZING POINT:41 (F)

10 – STABILITY and REACTIVITY

REACTIVITY:The product is stable and non-reactive under normal conditions of use, storage and transport.

STABILITY:.....Stable under ordinary conditions of use and storage .

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY:Strong oxidizing agents, Strong Acids

HAZARDOUS REACTIONS:Contact with incompatible materials.

HAZARDOUS DECOMP:No hazardous decomposition products are known.



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11 – TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE:Skin and/or eye contact. Ingestion. Inhalation.

TOXICOLOGICAL CHARACTERISTICS:Prolonged skin contact may cause temporary irritation. Direct contact with eyes may cause temporary irritation. This product is not expected to cause skin sensitization.

DELAYED EFFECTS:No data available.

IMMEDIATE EFFECTS:Direct contact with eyes may cause temporary irritation.

CHRONIC EFFECTS:No adverse effects due to skin contact are expected. Expected to be a low ingestion hazard.

NUMERICAL MEASURES OF TOXICITY:Not determined

LISTED CARCINOGEN:This chemical is not considered to be carcinogenic by NTP, IARC, or OSHA.

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SPECIES	DURATION	TYPE OF EFFECT	TEST RESULTS
Fathead Minnow	96hr	LC50	159 mg/l
Ceriodaphnia dubia	48hr	LC50	158 mg/l

PERSISTENCE AND DEGRADABILITY:This product is expected to be rapidly biodegradable.

BIOACCUMULATIVE POTENTIAL:This product is not expected to significantly bioaccumulate.

MOBILITY IN SOIL:.....Not determined.

OTHER ADVERSE EFFECTS: ..No other adverse environmental effects are expected from this component.

13 –DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:Consult local regulations regarding proper disposal as they may be more restrictive or otherwise different from Federal/International regulations.

14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME:.....Compound Industrial Water Treatment, Liquid

*Not D.O.T. Regulated

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:All ingredients listed or exempt from listing

SECTION 311/312:Acute Health Hazard - Yes

SARA SECTION 313:.....Not listed.

US EPA CERLA:None of the ingredients are listed.



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STATE REGULATIONS:California Proposition 65: This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm: Hydrazine, <0.010%.

16 – OTHER INFORMATION

HMS HAZARD RANKING

HEALTH	FIRE	REACTIVITY	PPE
1	0	0	B

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.