

# Material Safety Data Sheet



## CHRYSO®Air TX

Product: AIRTX

Revision Date: 2009/05/18

### Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Chemical family:** Mixture.

**Product name:** CHRYSO®Air TX.

**Supplier:** Same as manufacturer.

**Manufacturer:** Chryso, Inc.  
10600 Hwy 62, Unit #7  
Charlestown, IN 47111  
Phone: 812-256-4220  
Fax: 812-256-4235.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300.

### Section 2 : INGREDIENT INFORMATION

C.A.S.	CONCENTRATION %	Ingredient Name	T.L.V.	LD/50	LC/50
8012-01-9	0 - 0.05	CAUSTIC SODA	2 MG/M3	NOT AVAILABLE	NOT AVAILABLE

### Section 3 : HAZARD IDENTIFICATION

**Emergency overview:** Prolonged exposure may cause irritation.

**Route of entry:** Skin contact, eye contact, inhalation and ingestion.

Effects of acute exposure

**Eye contact:** May cause irritation.

**Skin contact:** May cause irritation.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if swallowed.

**Effects of chronic exposure:** Contains trace amounts of a corrosive substance.

**Sensitization to product:** Not available.

**Carcinogenic effects:** None of the ingredients are classified as carcinogenic by IARC, ACGIH, OSHA or NTP.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 4 : FIRST AID MEASURES

**Skin contact:** Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Flush with water for at least 15 minutes, holding eyelids open with fingers.  
Consult a physician.

**Inhalation:** Remove victim to fresh air.  
Obtain medical attention.  
Keep person warm and at rest.

**Ingestion:** Obtain immediate medical attention.  
Do not induce vomiting.  
Keep at rest.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

#### Section 5 : FIRE FIGHTING MEASURES

**Flammability:** Not flammable.

**Conditions of flammability:** Surrounding fire.

**Extinguishing media:** Use appropriate extinguishing media for surrounding fire.

**Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.

**Auto-ignition temperature (°C):** Not applicable.

**Flash point (°C), method:** Not applicable.

**Lower flammability limit (% vol):** Not applicable.

**Upper flammability limit (% vol):** Not applicable.

#### Explosion Data

**Sensitivity to static discharge:** None

**Sensitivity to mechanical impact:** None

**Hazardous combustion products:** None known.

**Rate of burning:** Not applicable.

**Explosive power:** None

#### Section 6 : ACCIDENTAL RELEASE MEASURES

**Leak/Spill:** Contain the spill.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Put in appropriate container.

## Section 7 : HANDLING AND STORAGE

- Handling procedures and equipment:** Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Avoid contact with skin, eyes and clothing.  
Do not take internally.  
Do not eat, drink or smoke in handling area.  
Launder contaminated clothing prior to reuse.  
Avoid breathing mist.
- Storage requirements:** Store in a cool and well ventilated area.  
Store in tightly sealed containers.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

**Gloves/Type:**



Wear protective gloves.

**Respiratory/Type:**



Wear a NIOSH/MSHA approved respirator if ventilation is inadequate.

**Eye/Type:**



Safety glasses or goggles.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.

**Other/Type:** Eye wash facility should be in close proximity.

**Ventilation requirements:** Adequate general ventilation.

**Exposure limit of material:** Not available.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid.

**Appearance & odor:** Light brown.  
Wood-like odor.

**Odor threshold (ppm):** Not available.

**Vapour pressure (mmHg):** Not available.

**Vapour density (air=1):** Not available.

**Volatiles (%)**

**By volume:** Not available.

**Evaporation rate (butyl acetate = 1):** Not available.

**Boiling point (°C):** Not available.

**Freezing point (°C):** Not available.

**pH:** 12

**Specific gravity @ 20 °C:** 1.008–1.018.

**Solubility in water (%):** Not available.

**Coefficient of water\oil dist.:** Not available.

**solids by weight:** Not available.

#### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Stable under normal pressures and temperatures.

**Conditions of instability:** None known.

**Hazardous polymerization:** Not available.

**Incompatible substances:** Acids  
Strong oxidizing agents.

**Hazardous decomposition products:** Not available.

#### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available.

**LC50 of product, species & route:** Not available.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** No data at this time.

**Environmental fate:** No data at this time.

#### Section 13 : DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with local and federal regulations.

#### Section 14 : TRANSPORT INFORMATION

**D.O.T. Classification:** Not regulated.

#### Section 15 : REGULATORY INFORMATION

**WHMIS classification:**

D2B



**DSL status:** All the chemicals in this product are on the DSL or are otherwise exempt from DSL requirements, such as impurities, by-products and unwanted constituents.

**TSCA inventory:** All the chemicals in this product are on the TSCA inventory list or are otherwise exempt from TSCA requirements, such as impurities, by-products and unwanted constituents.

**SARA hazard categories sections** Immediate (Acute) Health Hazard: Yes.

**311/312:** Delayed (Chronic) Health Hazard: No.

Fire Hazard: No.

Reactive: No.

**CERCLA reportable quantity:** Sodium hydroxide (1310-73-2) – 1000 lbs.

<b>Section 16 : OTHER INFORMATION</b>
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**Supplier MSDS date:** 2009/05/18.

**Data prepared by:** Conform–Action Data Systems  
A division of 2843471 Canada Inc.  
1804 Transcanada, suite 101  
Dorval, QC H9P 1H7  
Tel: (514) 683–2060 Fax: (514) 683–1445  
24 hr. 1–866–628–7522 support@netmsds.com.