

# TECH HAND CLEANER

Product: 730Series

## Section 1 : PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:** Tech international  
200 East Coshocton Street  
P.O. Box 486  
Johnstown, Ohio 43031.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300.  
703-527-3887 Outside USA.

**Supplier:** Same as manufacturer.

**Product name:** Tech Hand Cleaner (MSDS NO: 730)

**Product uses:** Hand cleaner.

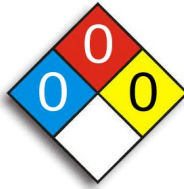
**Catalog number(s):** 730, 732, 730C, 732C, 733, 736

**Effective date:** 2009/5/20

**Revision No.:** 6

**Last review:** 2009/5/20

**NFPA:**



## Section 2 : INGREDIENT INFORMATION

C.A.S.	Concentration% wgt/wgt	Ingredient Name	OSHA-PEL TWA	OSHA-PEL STEL	ACGIH-TLV TWA	ACGIH-TLV STEL	NIOSH REL TWA	NIOSH REL STEL	NIOSH IDLH
88-04-0	< 1	CHLOROXYLENOL							

## Section 3 : HAZARD IDENTIFICATION

**Route of entry:** Skin and eyes contact.

### Effects of acute exposure

**Eye contact:** May cause tearing and redness.  
May cause irritation.  
May cause stinging.  
May cause swelling.

**Skin contact:** No effects known.

**Inhalation:** Not a likely route of exposure.

**Ingestion:** May cause nausea, vomiting and diarrhea.  
May cause gastro-intestinal irritation.  
Not significant in small (mouthful) amounts.

**Effects of chronic exposure:** See effects of acute exposure.

#### Section 4 : FIRST AID MEASURES

**Skin contact:** Wash thoroughly with water.  
If irritation occurs, consult a physician.

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

**Inhalation:** No first aid should be needed.

**Ingestion:** Get medical attention immediately.  
Induce vomiting by giving two glasses of water.  
Never give anything by mouth to an unconscious person.

**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:** Carbon dioxide, dry chemical, foam.  
Water

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

**Auto-ignition temperature:** Not available.

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

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

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

#### Explosion Data

**Sensitivity to static discharge:** Not available.

**Sensitivity to mechanical impact:** Not available.

**Hazardous combustion products:** Carbon monoxide (CO).  
Carbon dioxide (CO<sub>2</sub>).

**Rate of burning:** Not available.

**Explosive power:** Not available.

#### Section 6 : ACCIDENTAL RELEASE MEASURES


**Leak/Spill:** Soak up with an absorbent material.  
Dike area to prevent spreading.  
Prevent entry into drains, sewers, and other waterways.  
Wear appropriate protective equipment.  
Transfer to an approved container for disposal.

## Section 7 : HANDLING AND STORAGE

- Handling procedures and equipment:** Maintain a good personal hygiene.  
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 puncture, incinerate, or burn.  
Launder contaminated clothing prior to reuse.  
Do not ingest.
- Storage requirements:** Store at room temperature.  
Keep from freezing.

## Section 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary Measures

- Gloves/Type:** None required with normal use.
- Respiratory/Type:** None required under normal use.
- Eye/Type:**   
Safety glasses.
- Footwear/Type:** As per local regulations.
- Clothing/Type:** None required under normal use.
- Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.
- Ventilation requirements:** Explosion proof ventilation equipment.  
Local exhaust and/or general ventilation.  
To maintain exposure below TLV.

## Section 9 : PHYSICAL AND CHEMICAL PROPERTIES

- Physical state:** Semi-solid.
- Appearance & odor:** Paste  
Citrus odour.  
Pleasant odour.  
Pink/white.
- Odor threshold (ppm):** Not available.
- Vapour pressure (mmHg):** Not available.
- Vapour density (air=1):** Not available.
- Volatiles (%)**
- By volume:** < 1
- Evaporation rate (butyl acetate = 1):** Slower than ether.
- Boiling point (°C):** Not available.
- Freezing point (°C):** Not available.

**pH:** 7.5 – 8.0

**Specific gravity @ 20 °C:** (water = 1).  
0.92 – 1.04

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

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

**VOC:** 0.09 lbs/gal

#### Section 10 : STABILITY AND REACTIVITY

**Chemical stability:** Product is stable.

**Conditions of instability:** None known.

**Hazardous polymerization:** Will not occur.

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

**Hazardous decomposition products:** See hazardous combustion products.  
Various hydrocarbons.

#### Section 11 : TOXICOLOGICAL INFORMATION

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

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

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

**Sensitization to product:** Not available.

**Reproductive effects:** Not available.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

#### Section 12 : ECOLOGICAL INFORMATION

**Environmental toxicity:** Toxic to fish.

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

#### Section 13 : DISPOSAL CONSIDERATIONS

**Waste disposal:** In accordance with municipal, provincial and federal regulations.

#### Section 14 : TRANSPORT INFORMATION

**DOT:** Not regulated.

**Special shipping information:** See transportation information.

#### Section 15 : REGULATORY INFORMATION

##### USA Regulatory Information

**SARA hazard catagories sections** Immediate (Acute) Health Hazard: No.  
**311/312:** Delayed (Chronic) Health Hazard: No.  
Fire Hazard: No.  
Sudden Release of Pressure: No.  
Reactive: No.

**SARA Section 313:** Chlorinated Xylenol (CAS# 88-04-0).

**CERCLA reportable quantity:** None

**TSCA inventory:** All ingredients are listed on the TSCA inventory.

<b>Section 16 : OTHER INFORMATION</b>
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