

**Material Safety Data
Sheet****Print Date:****1.) 3-36-Aerosol #3004, #3005**

Synonyms:

Manufacturer: CRC Chemicals
Street1: 885 Louis Drive
Street2:
City, State, Zip: Warminster, PA, 18974
Telephone Number: (215) 674-4300
Contact Person: A. P. Reed
Title:
Distributor:

2.) Ingredients

1,1,1 Trichloroethane

- **CAS#** 71-55-6
- **Concentration:** 29%
- **Hazard Classes:** Irritant,

Carbon Dioxide

- **CAS#** 124-38-9
- **Concentration:** 4%
- **Hazard Classes:** None found

Petroleum Distillate

- **CAS#** 64742-47-8
- **Concentration:** 42%
- **Hazard Classes:** None found

Inhibited Paraffinic oil

- **CAS#**
- **Concentration:** 25%
- **Hazard Classes:** None found

Note: See section 16 for any additional information on Ingredients.

3.) Hazards Identification

SKIN: Defatting action may cause redness drying and cracking of the skin. **INHALATION:** Vapors can cause headaches, dizziness, drowsiness and irritation of the respiratory system. Can aggravate breathing conditions. **EYE:** Burning and irritation. **CHRONIC:** Dermatitis

4.) First Aid

Complete an Incident Investigation Report Form if any first aid measures are taken. **SKIN EXPOSURE:** Immediately wash skin with plenty of water for at least 15 minutes. Call a physician if irritation develops. **EYE EXPOSURE:** Wash the affected area of the eye for at least 5 minutes using the eye wash station. If an eye wash station isn't available, have the victim lay down, hold the eyelid open and pour water from the inner corner of the eye outward. Cover the eye(s) with dry gauze and then contact the appropriate emergency service for immediate followup. **INHALATION:** Move to fresh air. If breathing becomes difficult, contact a physician immediately. **INGESTION:** Call the Poison Control Center and follow their instructions. **CLOTHING:** Remove contaminated clothing and wash before reuse.

5.) Fire Fighting

Extinguishing Media: Dry Chemical, Alcohol Foam, Carbon Dioxide, Fog

Firefighting: Small, self-contained fire may be doused using extinguishing media shown above. Larger fires: GET OUT immediately OR wear FULL protective clothing and self- contained breathing apparatus.

Fire & Explosion Hazards: Vapors are heavier than air and may travel to the source of ignition and flash back. Aerosol containers may explode when heated above 130.

Upper Explosive Limit: NA

Lower Explosive Limit: NA

Flash Point: 170F

Auto-Ignition Temperature: NA

6.) Cleanup

Spills: Wear gloves; soak up the spill with vermiculite, place in a bag and burn in an incinerator equipped with an afterburner and scrubber. **Aerosol cans:** When the contents have been depleted, depress the button until all propellant gas has been expelled. The container can then be sent to landfill; do not incinerate.

7.) Storage and Handling

Storage:Store at room temperatures not to exceed 130F. Keep away from heat, open flame and sparks.

Incompatibilities:Strong oxidizers.

Hazardous Decomposition:Combustion may produce oxides of carbon and hydrogen chloride, chlorine and possibly phosgene.

8.) Exposure Limits/Personal Protection

Exposure Limits:

Respiratory Protection:Not Required under normal and intended uses.

Ventilation:General room ventilation. Under normal usage conditions, exposure limit is not expected to reach the TLV.

Protective Gloves:Barring topical irritation, solvent resistant gloves are not necessary.

Eye Protection:Not required.

Other:

9.) Physical Data & Usage

Appearance & Odor:Blue liquid, pleasant odor

Solubility In Water:	Negligible
Reactivity In Water:	NI
Evaporation Rate:	NA
Volatility:	76
Vapor Density:	>1
Vapor Pressure:	6.2
Boiling Point:	270F
Melting Point:	NA
Specific Gravity:	0.932

Usage:Lubricant for roller conveyer bearings.

Sites:Dubuque Pediatrics,

Departments:**10.) Stability and Reactivity**

Stable: Yes

Hazardous Polymerization: No

NFPA: Health = Fire = Reactivity = Specific =

11.) Toxicological Information

No data provided by manufacturer.

12.) Ecological Information

None Listed

13.) Cleanup & Disposal

Spills: Wear gloves; soak up the spill with vermiculite, place in a bag and burn in an incinerator equipped with an afterburner and scrubber. Aerosol cans: When the contents have been depleted, depress the button until all propellant gas has been expelled. The container can then be sent to landfill; do not incinerate.

14.) Transportation Information

None Listed

15.) SARA, CERCLA, RCRA Information**Carbon Dioxide****SARA****Hazard categories (Sect. 311 & 312 Reporting)**

Acute	Chronic	Fire	Presssure	Reactive
-	-	-	-	

EHS. (Sec. 302)

RQ (lbs.)	TPQ (lbs.)
No	No

Chemical (Sec. 313)

Name List	Chemical Category
No	No

CERCLA (Sec 103)**RQ (lbs.)**

NI

RCRA (Sect. 261.33)**Value**

No

1,1,1 Trichloroethane**SARA****Hazard categories (Sect. 311 & 312 Reporting)**

Acute	Chronic	Fire	Pressure	Reactive
x	x	x	x	

EHS. (Sec. 302)

RQ (lbs.)	TPQ (lbs.)
no	no

Chemical (Sec. 313)

Name List	Chemical Category
yes	no

CERCLA (Sec 103)**RQ (lbs.)**

1000

RCRA (Sect. 261.33)**Value**

U226

SARA, CERCLA, RCRA Legend

SARA Sect. 302 EHS TPQ	When an asterisk (*) appears next to the quantity, it indicates that the TPQ = 10,000 if the chemical is a solid with a particle size \geq 100 micrometers.
SARA Sect. 302 EHS RQ	The list for Reportable Quantity of Extremely Hazardous Substance is in 40 CFR 355.
SARA Sect. 313 Chemicals:	The list of Toxic Substances subject to reporting is in 40 CFR 372.65
CERCLA Sect. 103:	The list of chemicals which, if released to the environment in amounts exceeding the quantity shown, must be reported to the National Response Center at (800) 424-8802 appears in 40 CFR 302.4
RCRA:	The list of commercial chemical product wastes which have been designated toxic and acute hazards is in 40 CFR 261.33

16.) Additional Information on Ingredients of 3-36-Aerosol #3004, #3005**1,1,1 Trichloroethane**

- CAS# 71-55-6
- Concentration: 29%
- Hazard Classes: Irritant,

- **Carcinogen:** NTP=No , IARC=No , OSHA=No
- **Comments:** OSHA PEL: 350ppm; STEL: 450ppm ACGIH TLV: 350ppm This chemical is part of a solution. For safety information, return to the working product itself.

Carbon Dioxide

- **CAS#** 124-38-9
- **Concentration:** 4%
- **Hazard Classes:** None found
- **Carcinogen:** NTP=No , IARC=No , OSHA=NI
- **Comments:** OSHA PEL: 10,000ppm ACGIH TLV: 5000ppm

Petroleum Distillate

- **CAS#** 64742-47-8
- **Concentration:** 42%
- **Hazard Classes:** None found
- **Carcinogen:** NTP=No , IARC=No , OSHA=No
- **Comments:** Exposure limits = 200ppm.

Inhibited Paraffinic oil

- **CAS#**
- **Concentration:** 25%
- **Hazard Classes:** None found
- **Carcinogen:** NTP=No , IARC=No , OSHA=No
- **Comments:** OSHA PEL: 5mg/M3 as a mist.