

**SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION**

**Company Address:**

8125 Cobb Center Drive  
Kennesaw, GA 30152

Product Information: 800-TECH-401  
Customer Service: 800-645-5244

Emergency: (Chemtrek) 800-424-9300  
Revision Date: February 10, 2007

**Product Identification**

**KONFORM® AR**  
**(Formerly Konform® AR 2000)**

**Product Code: CTAR-12, CTAR-12C**

**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

Product Ingredient Information	CAS No.	Wt. % Range
n-Butyl acetate	123-86-4	10.0-20.0
n-propyl acetate	109-60-4	10.0-20.0
Propylene glycol monomethyl ether acetate	108-65-6	10.0-20.0
Ethanol	64-17-5	10.0-20.0
Propane/isobutane blend	68476-86-8	20.0-30.0
Methyl ethyl ketone	78-93-3	2.0-5.0
Acrylic copolymer resin	26760-85-0	5.0-15.0

**SECTION 3: HAZARD IDENTIFICATION**

**Emergency Overview:** Clear, colorless liquid with strong, fruity, ethereal odor. This product is extremely flammable. Liquid will irritate eyes and skin under repeated or prolonged exposure. Breathing high concentrations of product may produce drowsiness and a headache.

**Potential Health Effects:**

**Eyes:** Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation.

**Skin:** Contact causes skin irritation.

**Ingestion:** Harmful if swallowed. Irritating to the mouth, throat and stomach. May cause vomiting.

**Inhalation:** Harmful if inhaled. High concentrations in immediate area can displace oxygen and cause dizziness, unconsciousness and even death with longer exposure. Keep people away from such vapors without self-contained breathing apparatus.

**Pre-Existing Medical Conditions Aggravated by Exposure:** Heart, lung, skin, eye.

**SECTION 4: FIRST AID MEASURES**

**Eyes:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel if irritation develops or persists.

**Skin:** Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

**Ingestion:** If swallowed, do not induce vomiting. Keep head below knees to minimize chance of aspirating material into the lungs. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**Flash Point:** 30 F (-1C) (liquid TCC), -156 F (-104C) (propellant) **LEL/UEL:** Not determined (% by volume in air)

**Extinguishing Media:** Use alcohol foam, carbon dioxide or water spray when fighting fires involving this material.

**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent) and full protective gear.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Large Spills:** Shut off leak if possible and safe to do so. Wear self-contained breathing apparatus and appropriate personal protective equipment. Absorb spill with inert material (i.e. dry sand or earth), then place in a chemical waste container for proper disposal. Do not flush to sewer. Avoid runoff into storm sewers and ditches that lead to waterways.

**Small Spills:** Absorb spill with inert material (i.e. dry sand or earth), then place in a chemical waste container for proper disposal.

**SECTION 7: HANDLING AND STORAGE**

Avoid prolonged or repeated contact with skin, eyes or clothing. Wash hands before eating. Use with adequate ventilation. Avoid breathing product vapor. Do not reuse this container. Store in a cool dry place, away from heat, sparks or flames. Keep container tightly closed when not in use. Do not store in direct sunlight.

**KEEP OUT OF REACH OF CHILDREN.**

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines:**

CHEMICAL NAME	ACGIH TLV	OSHA PEL	ACGIH STEL
Propylene glycol monomethyl ether acetate	NA	NA	NA
n-Propyl acetate	200 ppm	200 ppm	250 ppm
n-Butyl acetate	150 ppm	150 ppm	200 ppm
Ethanol	1000 ppm	1000 ppm	NA
Methyl ethyl ketone	200 ppm	200 ppm	300 ppm
Propane	NA	1000 ppm	NA

**Work/Hygienic Practices:** Good general ventilation should be sufficient to control airborne levels. Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. If vapor concentration exceeds TLV, use NIOSH approved organic vapor cartridge respirator. Wear safety glasses with side shields (or goggles) and rubber or other chemically resistant gloves when handling this material.

NFPA and HMIS Codes:	NFPA	HMIS
Health	1	1
Flammability	3	3
Reactivity	1	1
Personal Protection	-	B

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State: Clear, colorless liquid

Odor: Strong, fruity, ethereal solvent

pH: NA

Vapor Pressure: 12 mmHg @ 68 F

Boiling point: liquid: >210F (>99C); propellant: -43.7 F (-42C)

Vapor Density: >1 (Air=1)

Solubility in Water: negligible

Specific Gravity: 0.91 @ 68F (liquid only)

Evaporation Rate: >1 (Butyl acetate=1)

Viscosity: >1 (Water =1)

Percent Volatile: 90%

**SECTION 10: STABILITY AND REACTIVITY**

Stability: This product is stable. Conditions to Avoid: Do not spray near open flames, red hot surfaces or other sources of ignition.

Incompatibility: Do not mix powdered alkali and alkaline earth metals or strong oxidizing agents.

Products of Decomposition: Thermal decomposition may release carbon monoxide, carbon dioxide and incompletely burned hydrocarbons.

Hazardous Polymerization: Will not occur. Conditions to avoid: NA

**SECTION 11: TOXICOLOGICAL INFORMATION**

Inhalation:

n-Butyl acetate human TCLo 200 ppm

n-Propyl acetate human TCLo 1000 mg/m3

Methyl ethyl ketone human TCLo 100 ppm/5M

Ethanol LC50 rats 20,000 ppm/10 hrs

Ingestion:

Propylene glycol monomethyl ether acetate LD50 8532 mg/kg

n-Butyl acetate LD50/rat 10768 mg/kg

n-Propyl acetate LD50/rat 9370 mg/kg

Methyl ethyl ketone LD50/rat 2737 mg/kg

Ethanol LD50/rat 7060 mg/kg

Eye:

n-Butyl acetate rabbit 20 mg open; SEV

n-propyl acetate rabbit 500 mg/24H MLD

Methyl ethyl ketone human 350 ppm

Ethanol rabbit 500 mg; SEV

Skin:

Propylene glycol monomethyl ether acetate LD50/rabbit > 5000 mg/kg

n-Butyl acetate rabbit 500 mg/24H MOD

n-Propyl acetate 500 mg open MLD

Methyl ethyl ketone rabbit 500 mg/24H MOD

Ethanol rabbit 400 mg open MLD

**Cancer Information:** No ingredients listed as human carcinogens by NTP or IARC

Reproductive effects: none

Teratogenic effects: none

Mutagenic effects: none

**SECTION 12: ECOLOGICAL INFORMATION**

**Environmental Impact Information**

Avoid runoff into storm sewers and ditches which lead to waterways. Water runoff can cause environmental damage.

**REPORTING**

US regulations require reporting spills of this material that could reach any surface waters. The toll free number for the

US Coast Guard National Response Center is: 1-800-424-8802

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with all federal, state and local regulations. Water runoff can cause environmental damage.

**SECTION 14: TRANSPORTATION INFORMATION**

Proper Shipping Name	UN Number	Class	Sub. Risk	Pkg. Group	Hazard Label	Pkg. Instr.	Max. Quantity
<u>Air:</u> Aerosols flammable	UN 1950	2.1	NA	NA	Flammable Gas	203	75/150 kg
<u>Ground:</u> Consumer Commodity ORM-D	NA	ORM-D	NA	NA	ORM-D	Pkg. Auth.	173.306

**SECTION 15: REGULATORY INFORMATION**

**SECTION 313 SUPPLIER NOTIFICATION**

This product contains no toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372).

This information should be included on all MSDSs copied and distributed for this material.

TOXIC SUBSTANCES CONTROL ACT (TSCA). All ingredients of this product are listed on the TSCA Inventory.

WHMIS: Class A; Class B5; Class D2B

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

**SECTION 16: OTHER INFORMATION**

Product is a Level 3 aerosol. Do not puncture or incinerate containers. Normal ventilation for standard manufacturing practices is usually adequate. Local exhaust should be used when large amounts are released.

To the best of our knowledge, the information contained herein is accurate. However, all materials may present unknown hazards and should be used with caution. In particular, improper use of our products and their inappropriate combination with other products and substances may produce harmful results which cannot be anticipated. Final determination of the suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that may exist.