

MATERIAL SAFETY DATA SHEET

Date Prepared: 6-1-93 By Charles D. Werner

SECTION 1 - PRODUCT IDENTIFICATION

Contributor Name: Fortech Products by Formula Corporation	Emergency Phone No: 1-800-228-5635 ext 059
Address: 7901 2nd Ave. S., Seattle, Wa 98108	
Trade Name: PINK MIST 64	Product Type: GLASS CLEANER CONCENTRATE
Product code: FFLGCPPX-CT-PINKM	Formula:

SECTION 2 - HAZARDOUS INGREDIENTS

Chemical Name/Common Name:	CAS NO.	PERCENT (optional)	TLV (Source)
Ethyl Alcohol	64-17-5	<5	1000 ppm (OSHA)
Isopropyl alcohol	67-63-0	20	400 ppm (OSHA)
No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present			
This product may contain chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.			

SECTION 3 - PHYSICAL DATA

Boiling Point: (F) 212	Specific Gravity: (H ₂ O = 1.0) 0.91	pH: 8.0 - 8.5
Vapor Pressure: (mmHg) heavier than air	Vapor Density: (AIR = 1.0) 2.1	
Solubility In Water: Complete		
Evaporation Rate (vs BUTYL ACETATE = 1.0): greater than 1.0		
Appearance and Odor: Liquid, non-viscous, pink color and MILD fragrance		

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): less than 100 F	FLAMMABLE LIMITS / % VOLUME IN AIR: UPPER: 2, LOWER 12.7%
Extinguishing Media: Use water fog, "alcohol" Foam, Dry Chemical or CO ₂ .	
Special Fire Fighting Procedures: FLAMMABLE Clear area of unprotected personnel. Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers.	
Unusual Fire and Explosion Hazards: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture.	

SECTION 5 - REACTIVE DATA

Stability: Stable	Incompatibility: nonreactive.
Hazardous Decomposition Products: carbon monoxide and unidentified organic compounds may be formed during combustion.	

SECTION 6 - HEALTH HAZARDS

Threshold Limit Value - Product (See Section 2 for Ingredient TLV)	None Established
Primary Routes of Exposure: Eye - yes Skin-No Oral-yes Inhalation-yes Other	
Signs and Symptoms of Over-exposure (Acute): EYES: Contact with concentrate will irritate the eyes. SKIN: Mildly irritating to the skin. INHALATION: May cause mild irritation to the nose, throat and respiratory tract and may result in central nervous system depression. INGESTION: Generally considered to have a low order of acute oral toxicity. Irritation as noted above, early to moderate CNS depression may be evidenced by giddiness, headache, dizziness, and nausea	
Symptoms of Over-Exposure (Chronic): Unknown	
Medical Conditions Aggravated by Over-exposure: Persons with pre-existing skin disorders, eye problems, impaired respiratory function may more susceptible to effects.	
Carcinogen or Suspect Carcinogen Ingredients: NTP - NO IARC - NO OSHA - NO NONE	

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with immediately with lots of running water for at least 15 minutes holding eyelids open. Get medical attention.
Skin: Wash skin with soap and water. Remove contaminated clothing & shoes. Wash before reuse.
Ingestion: INDUCE VOMITING, by giving 2 glasses of water and sticking finger down throat. If vomiting occurs spontaneously, keep victims head below his hips to prevent his breathing vomitus into his lungs. Call physician or poison control center immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.
Inhalation: Get to fresh air. Get medical attention if breathing is difficult.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: not normally required	Ventilation Requirements: Adequate ventilation required.
Protective Gloves: not normally required, to be used to minimize contact.	Eye Protection: Not normally required. Recommended if used overhead or misting or spraying.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: WARNING FLAMMABLE - ELIMINATE ALL IGNITION SOURCES. handling equipment must be ground before using to prevent sparking. For small spills, mop or wipe up and contain. For large spills, contain by diking with absorbent material and contain.
Waste Disposal Methods: Note that the contaminants of the product must be consider when disposing. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: FLAMMABLE - KEEP AWAY FROM HEAT AND FLAME. Do not mix chemicals. This product is Flammable. This product is NON-HAZARDOUS for transport according to DOT/UN regulations. Note: solutions of alcohol containing 24% or less alcohol and at least 50% water maybe reclassified as a combustible, and are excepted from flammable labeling. Keep container tightly closed when not in use.
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FORTECH PRODUCTS

Material Safety Data Sheet

Reprinted from:
1990 Emergency Response Guide Book
DOT P 5800.5

FORTECH
PRODUCTS

GUIDE 60

POTENTIAL HAZARDS

HEALTH HAZARDS

Contact causes burns to skin and eyes.
If inhaled, may be harmful.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

FIRE OR EXPLOSION

Some of these materials may burn, but none of them ignites readily.
Flammable/poisonous gases may accumulate in tanks and hopper cars.
Some of these materials may ignite combustibles (wood, paper, oil, etc.).

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind; keep out of low areas.
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.

FIRE

Some of these materials may react violently with water.
Small Fires: Dry chemical, CO₂, water spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.

SPILL OR LEAK

Do not touch or walk through spilled material; stop leak if you can do it without risk.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.
Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air; call emergency medical care.
In case of contact with material, immediately flush skin or eyes with running water for at least 15 minutes.
Remove and isolate contaminated clothing and shoes at the site.
Keep victim quiet and maintain normal body temperature.

GUIDE 27

POTENTIAL HAZARDS

FIRE OR EXPLOSION

Flammable/combustible material; may be ignited by heat, sparks or flames.
Vapors may travel to a source of ignition and flash back.
Container may explode in heat of fire.
Vapor explosion hazard indoors, outdoors, or in sewers.
Runoff to sewer may create fire or explosion hazard.

HEALTH HAZARDS

May be poisonous if inhaled or absorbed through skin.
Vapors may cause dizziness or suffocation.
Contact may irritate or burn skin and eyes.
Fire may produce irritating or poisonous gases.
Runoff from fire control or dilution water may cause pollution.

EMERGENCY ACTION

Keep unnecessary people away; isolate hazard area and deny entry.
Stay upwind; keep out of low areas.
Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.
Isolate for 1/2 mile in all directions if tank, rail car or tank truck is involved in fire.
CALL CHEMTREC AT 1-800-424-9300 FOR EMERGENCY ASSISTANCE.
If water pollution occurs, notify the appropriate authorities.

FIRE

Small Fires: Dry chemical, CO₂, water, spray or regular foam.
Large Fires: Water spray, fog or regular foam.
Move container from fire area if you can do it without risk.
Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Stay away from ends of tanks.
For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn.
Withdraw immediately in case of rising sound from venting safety device or any discoloration of tank due to fire.

SPILL OR LEAK

Shut off ignition sources; no flares, smoking or flames in hazard area.
Stop leak if you can do it without risk.
Water spray may reduce vapor; but it may not prevent ignition in closed spaces.
Small Spills: Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Large Spills: Dike far ahead of liquid spill for later disposal.

FIRST AID

Move victim to fresh air and call emergency medical care; if not breathing, give artificial respiration; if breathing is difficult, give oxygen.
In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Wash skin with soap and water.
Remove and isolate contaminated clothing and shoes of the site.