

BIG HOUSE

PRODUCTS

Correctional Industries

"Teaching Inmates to Work in Pennsylvania"

Department of Corrections
Bureau of Correctional Industries
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MATERIAL SAFETY DATA SHEET

ISSUE DATE: 9/12/02

SECTION I

EMERGENCY TELEPHONE NUMBER(S)
(814) 643-2400 Ext. #204

IDENTITY
GLASS CLEANER CONCENTRATE GCC-1

INGREDIENTS/CHEMICAL NAME
Isopropyl Alcohol, Butyl Cellusolve, Ammonium Alkyl Ether Sulfate

OTHER
Water, Dye

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENTS AS DEFINED BY OSHA 29 CFA 1910 1200

CHEMICAL NAME	COMMON NAME	CAS NO.	ACGIH TLV	OSHA PEL	OTHER LIMITS RECOMMENDED
Isopropyl Alcohol		67-63-0	400 ppm	400 ppm	
2 Butoxyethanol	Glycol Ether EB	111-76-2	20 ppm	50 ppm	
	Isopropanol-Alcohol	67-63-0	NK	NK	
	Butyl Cellosolve 100% wt	111-76-2	NK	NK	
	Brosyn AES-60 (mix)				
	1. Glycol Ethers 10-30%	111-76-2	NK	NK	
	2. Ethyl Alcohol 15-40%	64-17-5	100 ppm	100 ppm	

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (°F)	180 ⁰	SPECIFIC GRAVITY (H ₂ O = 1)	0.976
VAPOR PRESSURE (mm Hg)	2.5	PERCENT VOLATILE BY VOLUME (%)	99%
VAPOR DENSITY (AIR = 1)	1.3	EVAPORATION RATE (nBuOAc = 1)	Greater than 1.0
SOLUBILITY IN WATER	Complete	APPEARANCE CODE	Pink Liquid

SECTION IV – FLAMMABILITY AND REACTIVITY

FLASH POINT (METHOD USED) 112 TCC	EXPLOSIVE LIMITS N.K.	LEL N.K.	UEL N.K.
EXTINGUISHING MEDIA Water, Fog, Alcohol Foam, Dry Chemical, Carbon Dioxide			
SPECIAL FIRE FIGHTING PROCEDURES Combustible. Vapors are heavier than air and may travel along the ground to remote sources of ignition. Clear area of all non-emergency personnel. Do not enter confined fire space without full bunker gear (helmet, face shield, coat, gloves, boots),			
UNUSUAL FIRE HAZARDS including positive pressure breathing apparatus.			
STABILITY	UNSTABLE		CONDITIONS TO AVOID Vapor accumulation, heat, sparks and open flames
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) Strong Oxidizers			
HAZARDOUS DECOMPOSITION/BY PRODUCTS Carbon Monoxide, Carbon Dioxide and other organic compounds.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR X		

SECTION V – HEALTH AND SAFETY DATA

ROUTE(S) OF ENTRY

Breathing high vapor concentrations are to be avoided. Avoid eye contact and repeated or prolonged skin contact.

HEALTH HAZARDS (ACUTE AND CHRONIC)

Vapors may cause CNS depression resulting in dizziness, headache and nausea.

May cause irritation to eyes. Slightly irritating to skin.

SIGNS AND SYMPTOMS OF EXPOSURE

Irritation

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

May adversely affect preexisting liver and kidney conditions.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Administer oxygen if difficulty breathing.

Eye: Flush eyes with large amounts of water while holding eyelids open.

Skin: Remove contaminated clothing. Flush with water.

OTHER

Ingestion: Do not induce vomiting. Rinse mouth and drink sips of water.

SECTION VI – PRECAUTION FOR SAFE HANDLING AND USE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Combustible. Keep in closed containers away from heat, sparks and flames. Use only with adequate ventilation.

Do not taste or swallow. Do not eat, drink or use cosmetics while using cleaner. Wash thoroughly after using.

OTHER PRECAUTIONS

Wash contaminated clothing before reuse.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Shut off source of leak. Eliminate sources of ignition. Dike and contain spill. Remove with vacuum, soak up residue with an absorbant. Prevent entry into waterways, sewers, basements and confined areas.

WASTE DISPOSAL METHOD

Proper disposal should be evaluated based on Local, State and Federal regulations as well as contamination from other sources. If this material becomes a waste, it would not be considered hazardous waste by RCRA criteria (40 CFR).

SECTION VII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Mechanical controls should be acceptable

VENTILATION	LOCAL EXHAUST Yes	SPECIAL	None
	MECHANICAL (General) Yes	OTHER	None

EYE PROTECTION

Goggles

PROTECTIVE GLOVES

Waterproof

OTHER PROTECTIVE EQUIPMENT

If engineering controls do not maintain adequate ventilation, an air purifying respirator for organic vapors may be used. Self-Contained breathing apparatus may be used in emergency situations.

- N.A. – NOT APPLICABLE
- N.K. – NOT KNOWN

THE SUBMISSION OF THIS MSDS MAY BE REQUIRED BY LAW. BUT THIS IS NOT AN ASSERTION THAT THE SUBSTANCE IS HAZARDOUS WHEN USED IN ACCORDANCE WITH PROPER SAFETY PRACTICES AND NORMAL HANDLING PROCEDURES. DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATIONAL SAFETY AND HEALTH.