



**Material safety data
sheet
Revised 03/24/03**

Section 1

Manufactures name:
Company Address:

Company phone:
Emergency phone:
Trade name:

Part Number:
Chemical name:
Chemical Family:
Formula:
Product code:

Manufacture Information

Danny's Dealer Supplies Inc.
1037 Okeechobee Rd. Unit 1
West Palm Beach Fl. 33401
561-822-9994 Fax 561-655-1522
800-535-5053 Infotrac 24 hours Medical information

Crystal Clear
Dds.420
Not Applicable
Not Applicable
Proprietary
Not Applicable

Hazardous material identification

Product name:
Hazard rating:

Crystal Clear

Dds.420
0 = Insignificant
1 = Slight
2 = Moderate
3 = High
4 = Extreme
* = Special

Health	1
Fire	2
Reactivity	0
Specific	*

Section 2

Hazardous ingredients

Hazardous ingredients

See CFR29 § 1910.1200 (i)-(13)

Chemical name	CAS number	Percentage	PEL-OSHA	TLV-ACGIH
2 Buloxy Ethanol (skin)	111-76-2	<1	50ppm	25ppm
Isopropyl alcohol	67-63-0	<1	400ppm	400ppm
Ammonia	7664-41-7	<0.5	50ppm	25ppm
Carcinogens	NTP: no	OSHA: no	IARC Monograph: no	

Section 3

Effects of overexposure First aid procedures

Health effects acute and chronic

Eyes: Can cause severe irritation, redness, tearing, blurred vision.
 Skin: Prolonged and repeated contact can cause moderate irritation, de-fatting, dermatitis.
 Ingestion: Can cause gastro intestinal irritation, nausea, vomiting and diarrhea.
 Inhalation: Can cause irritation of nasal or respiratory passages.
 Chronic: Inhalation may increase susceptibility to repertory illness.

Emergency First aid procedures

Eyes: Flush with plenty of water for 15 minutes.
 Skin: Immediately flush skin with plenty of running water for 30 minutes. Remove contaminated clothing and wash before reusing.
 Ingestion: Drink 2 glasses of milk and induce vomiting by either giving IPECAC syrup or by placing fingers at back of throat. Get medical attention immediately.
 Inhalation: Breathe fresh air. Administer oxygen if breathing is difficult. Contact a physician if problem continues.

For emergencies contact Infotrac 800-535-5053

Section 4

Physical data

Appearance	Blue thin liquid
Odor	Alcohol
Solubility in water	100%
Vapor pressure mm hg	<30
Boiling/melting point (F)	>82.4°C
Vapor density (air=1)	<2
Evaporation rate (water-1)	<1
Percentage volatile by weight (%)	100
Specific gravity (water-1)	0.815

Section 5 **Fire, Explosion and Reactivity hazard data**

Flash point °F	59F (IPA component)
Flammability limits in air (%V)	LEL-N/A UEL-N/A
Extinguishing media	Not considered a fire hazard in mixed form.
Special fire fighting procedures	None
Unusual fire and explosion hazards	None
Chemical incompatibility	Avoid materials that act with water.
Hazardous decomposition products	Thermal decomposition of burning may produce oxides of carbon.
Hazardous polymerization	Will not occur.

Section 6 **Spill or leak procedures Waste disposal method**

Spill or leak procedures	Absorb large spills with suitable absorbent. Wash residue down drain or pit area with plenty of water.
Waste disposal method	Dispose of according to local, state and federal regulations for biodegradable detergents.

Section 7 **Precautions for safe handling and use**

Respiratory	An appropriate NIOSH approved hydrocarbon canister or respirator for organic vapors should be worn if needed.
Ventilation	Local exhaust below TLV
Eye protection	Safety glasses should be worn in all industrial operations.
Handling instructions	Avoid eye contact and prolonged contact with skin. Wear protective gloves. Use adequate ventilation. Wash thoroughly after handling.
Work practices	Eye wash fountain and safety shower should be easily accessible. Discard properly such items as rags and trash soaked with the product. Provide adequate ventilation.
Hygienic practices	Avoid contact with eyes, skin and clothing. Avoid inhalation of product vapors. Remove contaminated clothing promptly and wash before reusing.

Section 8

Handling precautions

Special precautions

Do not store under freezing conditions.

Protect from physical damage.

Do not store near acids, acidic materials or oxidizers.

Maintenance precautions

When working with flammable material electrically ground all equipment.

Other precautions

Containers even those that have been emptied will retain product residue and vapors. Always obey hazard warnings and dispose of containers according to state or local guidelines.

Shipping information. UN/NA#, secondary container label necessary or suggested
Isopropyl alcohol mixture 3 UN1219 PK GP II flammable liquid**KEEP OUT OF REACH OF CHILDREN**