

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product number 706 - CAS Number 64179
Product name Screen & Keyboard Cleaner
Effective date November 30, 2009
Manufacturer/packaging DISTRIBUTORS CHOICE CHEMICALS
6112790 Canada Inc.
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Toronto, Ontario
M2M 3W2
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Emergency contact **Canutec** (613) 996-6666 collect 24 hours

2. Composition / Information on Ingredients

CAS#	Chemical Name	Percentage by Weight	Exposure Limits
64179	Ethyl Alcohol (denatured)	50 - 55	LD/50 7060mg/Kg (Rat) LC/50 20,000mg/Kg (Rabbit)

3. First Aid Measures

First aid procedures

Eye contact Immediately flush eyes with running water for a minimum of 20 minutes. Hold eyelids open during flushing. Contact physician.

Skin contact Immediately flush with running water for a minimum of 20 minutes. Wash thoroughly with soap and water. If irritation persists, get medical attention.

Inhalation Move affected person to fresh air. If breathing is difficult then administer oxygen. If breathing stops, give artificial respiration. Keep person warm, quiet, and obtain medical attention.

Ingestion If swallowed, DO NOT induce vomiting. Drink several glasses of milk or water. Call physician or poison control centre immediately.

4. Fire Fighting Measures

Flammability Inflammable.

Special procedures Water from fogging muzzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including breathing apparatus should be worn in a fire involving this material.

Auto-ignition temperature 363°C

Hazardous combustion products Carbon monoxide and carbon dioxide.

Flash point 12°C

Upper flammable limit (% vol) 36.5

Lower flammable limit (% vol) 6

Extinguishing media Dry powder, alcohol foam, water spray or fog.

5. Preventive and Corrective Measures

Waste disposal Will evaporate quickly. Dispose of in accordance with local, provincial and federal regulations.

Handling procedures Treat as flammable product. Use in well-ventilated conditions.

Storage Requirements Store in cool area away from sparks, ignition and open flames.

Leak and spills procedure Remove all sources of ignition. Absorb with an inert material and place in waste disposal container. Prevent from entering a watercourse.

6. Personal Protective Equipment

Gloves	Wear chemical resistant gloves.
Footwear	Working boots chemical resistant.
Eyes	Safety glasses must be used.
Respiratory	If used indoors on a continuous basis, use a cartridge type respiratory (NIOSH/MSHATC 23C or equivalent) is recommended.
Clothing	Recommended.

7. Physical & Chemical Properties

Chemical name(s)	Ethyl Alcohol
Chemical family	Alcohol
Physical state & appearance	Liquid, water white
Odour	Mild alcohol
Odour threshold	413 ppm
pH	Not available
Solubility (water)	Soluble
Water/oil dist.Coeff	Not available
Volatility	Not available
Evaporation rate	1.8
Boiling point	75 °C
Melting point	Not available
Freezing point	<40 °C
Specific gravity	0.79 (water =1)
Vapor pressure (psig)	125 kPa
Vapor density (Air = 1)	>1

8. Reactivity Data

Hazardous decomposition	Carbon monoxide and carbon dioxide.
Corrosivity	Alkaline and oxidizing agents.
Reactivity	Keep away from sparks, open flame and heat source.

9. Toxicological Information

Route of entry	Skin contact, inhalation, ingestion, contact with eye.
Exposure limits	1000 PPM.
Skin contact	Will cause irritation to the skin.
Inhalation	Not available.
Ingestion	Not available.
Eye contact	May cause irritation.
Effects of chronic exposure	Repeated or prolonged exposure may lead to dermatitis. The product will pass through the placenta and excreted in maternal milk.
Irritability of material	To eyes, inhalation and ingestion.
Carcinogenicity	No information is available and no adverse carcinogenic effects are anticipated.
Teratogenicity	No information is available and no adverse teratogenic effects are anticipated.
Mutagenicity	No information is available and no adverse mutagenic effects are anticipated.
Reproductive effects	No information is available and no adverse reproductive effects are anticipated.
Synergistic Materials	Not available.

10. Regulatory Information

CPR compliance	This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and this Material Safety Data Sheet (MSDS) contains all of the information required by the CPR.
WHMIS classification	Consumer Commodity/ORM-D
RoHS	Product in compliance with the terms of RoHS

11. Preparation of MSDS

Prepared by	Laboratory, David MacEachern
Verified by	Distributors Choice Chemicals, 6112790 Canada Inc.
Date	July 8, 2007

12. Other Information

CAUTION	This material safety data sheet is provided as an information resource only. Distributors Choice Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. Applications shown are for guidance only. Application must be determined by the user. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, provincial and local regulations.
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