

1. Identification

Product name MCS 70
Use INSTANT HAND SANITIZER
Supplier MCS Sanitation
60 Benjamin Street
Dieppe, NB
E1A 9W6

Emergency phone number: CANUTEC (613) 996-6666

2. Hazard identification

WHMIS classification This is a personal care that is safe for consumers and other users under normal and reasonably foreseeable use. It is therefore exempt from WHMIS.

Warning Do not ingest.
Warning - flammability keep away from flames and heat sources.
For external use only.
Stop use and see / ask a doctor / doctor / health care practitioner / health care provider / health care professional if irritation develops.
Keep out of the reach of children. If swallowed, call a Poison Control Center immediately or get medical help.
When using this product avoid contact with eyes. If necessary, rinse thoroughly with water.
Discontinue use in case of irritation and redness.

Contraindication Do not use on children / infants under 2 years of age (except on the advice of a doctor / doctor / health care practitioner / health care provider / health care professional).

3. Composition / Information on ingredients

Ingredient name	Cas number	% (v/v)
Isopropyl alcohol	67-63-0	70

Exact percentages are being withheld as trade secret information

4. First-aid measures

Eyes contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention if irritation persists.

Skin contact Wash with plenty of water and soap. If an irritation of the skin develops, seek medical attention. Remove contaminated garments and wash them before reusing them.

Inhalation Bring person to aerated area. If the the victim has trouble breathing, seek medical assistance.

Ingestion In case of ingestion, rinse mouth. drink a glass of water. Do not induce vomiting and see a doctor. Never administer anything orally to someone unconscious or in a convulsive state.

Most important symptoms and effects Causes serious eye irritation.

Indication of immediate medical attention and special treatment needed No further information available.

5. Fire-fighting measures

Suitable extinguishing media	Alcohol-resistant foam, carbon dioxide (CO ₂), extinguishing powder, dry sand or limestone powder.
Unsuitable extinguishing media	Do not use a water jet.
Specific hazards arising from the chemical	No further relevant information available.
Special protective equipment and precautions for firefighters	Wear self-contained breathing apparatus, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear protective equipment listed in section 8. Keep unnecessary personnel and unprotected persons away. Remove any source of ignition of the affected area.
Methods and materials for containment and cleaning up.	Isolate area. Keep unnecessary personnel away. Ensure adequate ventilation. Stop the flow of material, if this is without risk. Absorb with inert material such as vermiculite, sand or soil. Put in adequate container. Wash contaminated area.

7. Handling and storage

Precautions for safe handling	Put on appropriate personal protective equipment (see section 8). Handle to avoid splashing. Keep away from sources of ignition keep the container and the metal equipment grounded when transferring its contents.
Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place, away from heat source and direct sunlight. Keep container tightly closed.

8. Exposure controls / Personal protection

Occupational exposure limits (by ingredients)

Ingredient name	TWAEV	STEV
Isopropyl alcohol	-	1000 ppm

Source of data : RSST

P = ceiling value that should not be exceeded for any amount of time.

Appropriate engineering controls Use only with ventilation adequate to keep air concentration below STEV if use generates vapor or mists. If STEV is exceeded, wear NIOSH approved respirator.

Individual protection measures

Eyes & face	Safety glasses.
Skin	No protection required during normal use of the product. Gloves may be necessary in an emergency.
Respiratory	No protection required during normal use of the product.
Other	No additional protection required during normal use of the product.

9. Physical and chemical properties

Physical state	Viscous liquid	Evaporation rate	Not available	Relative density	0.84
Colour	Colorless	Flammability	Flammable	Solubility	Soluble in water
Odour	Alcohol odor	Upper flammability limits	Not available	Partition coefficient - n-octanol/water	Not available
Odour threshold	Not available	Lower flammability limits	Not available	Auto-ignition temperature	Not available

pH	Not available	Upper explosive limits	Not available	Decomposition temperature	Not available
Melting point	-114°C	Lower explosive limits	Not available	Viscosity	Not available
Initial boiling point and boiling range	78°C	Vapour pressure	Not available		
Flash point	13°C	Vapour density	Not available		

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known.
Conditions to avoid	Avoid excessive heat and ignition sources.
Incompatible materials	Strong oxidizing materials, strong acid, open flames.
Hazardous decomposition products	None known

11. Toxicological information

Potential Health Effects

Eyes contact	Severe irritation of the eyes.
Skin contact	Causes skin irritation.
Inhalation	May cause irritation of the nose and the upper respiratory tract, headache, coughing.
Ingestion	Harmful if ingested.
Chronic Exposure	No further information available.

Acute toxicity (per ingredient)

Ingredient	Acute toxicity
Isopropyl alcohol	LD 50 Oral : 3600 mg/kg, Mouse LD 50 Dermal : 12800 mg/kg, Rabbit LC 50 Inhalation : 16970 ppm, Rat, 4 h

12. Ecological information

Ecotoxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
Mobility in soil	No further relevant information available.

13. Disposal considerations

Disposal methods	Dispose of contents/container in accordance with local / regional / national / international regulations.
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14. Transport information

TDG Classification

UN Number	Shipping name	Class	Packing group
UN1219	ISOPROPANOL	3	II

15. Regulatory information

WHMIS classification WHMIS exempt personal care product.
Other applicable regulations No further data available.

16. Other information

Date of issue 27/04/2020
Safety Data Sheet prepared by MCS Sanitation
Notice to reader

The information provided in this Safety Data Sheet is accurate to the best of our knowledge, and information available at the date of publication. The information is only designed as a guidance for safe handling, use, transport, storage and disposal.

Use of this product should be performed with caution as there are risks and hazards for people and goods, which are detailed but are not limited in this MSDS. To reduce the risks and dangers with this product is the responsibility of the user to comply with instructions and all instructions provided in the MSDS of this product. The manufacturer, distributors and suppliers of this product are exempt from any liability for any loss or damages of any kind whatsoever resulting from the use of this product that does not comply with the instructions or to all instructions provided in this MSDS or resulting from careless use of this product.