



SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: **Powerplus Hand Sanitizer (Liquid)**

Product Code: JAN-144

Product Type: Liquid, IPA Based Hand Sanitizer

Chemical Manufacturer:

SCL (Trinidad) Limited
LP # 45, Saddle Road,
San Juan, Trinidad,
West Indies.
Telephone No.: 675-5555
Email: sales@scl-group.com
Website: www.scl-group.com

SECTION 2: HAZARD IDENTIFICATION

Appearance/Odour

- Clear Liquid
- Mild Floral Fragrance

Hazard classification and Category:

- Flammable Liquid – Category 3
- Specific target organ toxicity – single exposure (narcotic effects, drowsiness) Category 3
- Eye damage/eye irritation – Category 2

Signal Word: Warning

Hazchem Code: None allocated.

Hazard Statements:

- H226 - Flammable liquid and vapor.
- H336 - May cause drowsiness or dizziness.
- H319 - Causes serious eye irritation.



Hazard Pictogram:

Precautionary statements:

- P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
- P280 Wear protective gloves/eye protection/face protection.
- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a poison center/seek medical attention if you feel unwell.
- P370+P378 In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.

SECTION 3: COMPOSITION / INFORMATION OF INGREDIENTS

Chemical Name	CAS No.	Weight %
Isopropyl Alcohol	67-63-0	70
Glycerine	56-81-5	1 - 5
Non-Active Ingredients	N/A	20 - 30

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures:

- **Inhalation:** If affected, move to well-ventilated area.
- **Ingestion:** Do not induce vomiting. Rinse mouth thoroughly with water. Seek medical attention immediately.
- **Skin contact:** If irritation occurs, flush area immediately with clean water for 15 minutes. If irritation persists, seek medical attention.
- **Eye contact:** Remove any contact lenses and open eyelids wide apart. Rinse immediately with copious amounts of clean water. Continue to rinse for at least 15 minutes and seek medical attention.

Indication of any immediate attention and special treatment needed: Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

This Product is classified as :	Flammable
Flash Point (°C) :	< 20 °C
Extinguishing Media :	Water spray, BC-powder, Carbon dioxide (CO ₂)
Conditions to Avoid :	Avoid heat, sources of ignition and contact with strong oxidizers.
Main Decomposition Products :	Carbon Monoxide, Carbon Dioxide.

Special Fire Fighting Procedures: In case of fire and/or explosion do not breathe fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

Vapor accumulation can result in flash or explosion if in contact with an open flame.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment precautions and emergency procedures: All persons handling and addressing clean-up spills should wear the appropriate chemical personal protective equipment. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Spillages or uncontrolled discharges into watercourses must be reported immediately to the appropriate Environmental Agency or other appropriate regulatory body. Avoid or minimise the creation of any environmental contamination.

Methods, material for containment and cleaning up:

ELIMINATE ALL SOURCES OF IGNITION

SMALL SPILLS: Wear protective equipment to prevent skin and eye contamination. Dike and absorb with inert material such as vermiculite, soil or sand. Collect and seal in properly labelled containers or drums for disposal. Ventilate affected area.

LARGE SPILLS: Clear area of all unprotected personnel. Wear protective equipment to prevent skin and eye contamination. Area may be slippery. Exercise caution. Ventilate affected area.

Contain - prevent run off into drains and waterways. Dike and absorb with inert material such as vermiculite, soil or sand. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local authorities.



Special spill response procedures: Contact appropriate local and district environmental authorities for assistance and/or reporting requirements.

SECTION 7: HANDLING AND STORAGE

Storage:

Keep in a tightly closed container, stored in a cool, dry, ventilated area between 4°C - 38°C (40°F - 100°F). Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Drum must not be washed out or used for other purposes. Product and/or empty container must be kept away from heat or sources of ignition.

Handling:

Avoid contact with eyes, skin and clothing. Do not inhale vapors and fumes. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

CAS #	NAME	OSHA TWA	ACGIH TWA
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm

Respiratory Equipment – Not required under normal use with adequate ventilation.

Eye Protection – If splash is likely, goggles may be required.

Protective Gloves – Not required under regular usage conditions.

Protective Clothing – Not required under regular usage conditions.

Engineering Controls – Use a local or general, mechanical exhaust ventilation system capable of maintaining emissions in the work area, below the OSHA-PEL or ACGIH-TLV. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Environmental Controls - Do not let product enter storm drains, storm sewers, watersheds or water systems.

Work Hygiene – Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- **Appearance** : Clear, Liquid
- **Specific Gravity** : 0.800 – 0.860 at 28°C
- **Odour** : Alcohol odour, mild floral
- **Operating Temperature**: 4°C - 40°C
- **pH** : 6.0 to 6.5
- **Shelf Life** : 1 Year in original unopened containers
- **Vapour pressure**: N/Av
- **Flammability**: N/A
- **Boiling Point**: Not Available
- **Flash Point**: < 20 °C.
- **Solubility**: Fully miscible in Water

SECTION 10: STABILITY AND REACTIVITY

- **Reactivity**: Not reactive
- **Chemical stability**: Stable under normal conditions for storage and use.
- **Possibility of hazardous reactions**: None.
- **Incompatible materials**: Strong oxidizing agents, acids and bases
- **Hazardous decomposition products**: Carbon Monoxide, Carbon Dioxide.
- **Hazardous Polymerization**: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION**Chronic Health Effects:**

- **Mutagenicity**: Not expected to be mutagenic in humans.
- **Carcinogenicity**: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects & Teratogenicity

- This product is not expected to cause reproductive or developmental effects.

SECTION 12: ECOLOGICAL INFORMATION

Persistence and degradability: This product is readily biodegradable.

Bioaccumulation potential: Not expected to bio-accumulate.

Mobility in soil: No data is available on the product itself.

Other Adverse Environmental effects: No known effects.

SECTION 13: DISPOSAL CONSIDERATIONS

Handling for Disposal: Handle in accordance with current good manufacturing practices, good industrial hygiene and safety practices. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal: Dispose in accordance with all applicable environmental policies and local regulations.

SECTION 14: TRANSPORT INFORMATION

- No transport restrictions or specific regulations.
- Not considered dangerous goods.

SECTION 15: REGULATORY INFORMATION

No transport or storage regulation available.

SECTION 16: OTHER INFORMATION

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