

1. IDENTIFICATION

Product Identifier

Product Name SafeShield Insta-Pure

Recommended use of the chemical and restrictions on use

Recommended use Alcohol based foaming hand sanitizer

Supplier details

Trend Innovations Co.	West Penetone Inc.
1340 Gay Lussac	10900 Secant
Boucherville, QC	Montréal, QC,
J4B 0B2	H1J 1S5
Tel: 450-857-1060	Tel: 514-355-4660

Emergency Telephone Number

Canutec: (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

Flammable liquids	Category 3
Eye damage/Irritation	Category 2B

Label Elements

WARNING

Hazard Statements

Flammable liquid and vapor
Cause serious eye irritation



Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Avoid breathing mist/vapors/spray. Use only outdoors or in a well-ventilated area.

Precautionary Statements – Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use CO₂, foam, dry chemical, water fog to extinguish.

Precautionary Statements – Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Precautionary Statements – Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethanol	64-17-5	60-70

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Call a physician if irritation persists.
Skin contact	Not applicable.
Inhalation	If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause irritation or discomfort. Inhalation of mist/vapors/spray may cause respiratory tract irritation leading to a temporary burning sensation of the nose and throat, coughing, and difficulty breathing. Ingestion may cause irritation or a burning sensation of the mouth and throat and abdominal pain.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

CO₂, foam, dry chemical, water fog.

Unsuitable Extinguishing Media

Do not use a solid water stream as this may spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed including oxides of carbon, smoke and other irritating gases.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with eyes and clothing. Use personal protective equipment.

Environmental Precautions

Avoid discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Avoid contact with eyes and clothing. Ensure thorough ventilation of work areas.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

Incompatible Materials Strong oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Chemical Name	ACGIH TLV
ethanol 64-17-5	STEL: 1000 ppm

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Eye/face Protection Not required.

Skin and body protection Not required.

Respiratory Protection Not required during normal product use.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE :**

Clear, colorless liquid

ODOR

Alcohol

ODOR THRESHOLD :

Not applicable

pH :

5.5-7.5

MELTING POINT / FREEZING POINT :

< - 40°C

BOILING POINT/BOILING RANGE :

95°C

FLASH POINT :

24°C (TCC)

EVAPORATION RATE, water = 1 :

> 1

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C :

Not available

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

0.9

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

Not available

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS :**UPPER:** Not applicable **LOWER :** Not applicable**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive

Conditions to Avoid

Store away from incompatible materials and sources of ignition.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

None

Incompatible Materials

Strong oxidizers.

Hazardous decomposition products

None

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
ethanol 64-17-5	7060 mg/kg (rat)	20000 mg/kg (rabbit)	>25000 mg/m ³ (rat) 4 h

Information on likely sources of exposure

Inhalation	May cause respiratory irritation and possible damage
Serious eye damage/irritation	Causes eye irritation.
Skin corrosion/irritation	May dry skin after prolonged or excessive use.
Ingestion	May be harmful if swallowed. Minimal toxicity

Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization	None known
Germ cell mutagenicity	None known
Carcinogenicity	No listed carcinogens.
Reproductive toxicity	None known
STOT - single exposure	May cause drowsiness, or dizziness.
STOT - repeated exposure	None known
Aspiration Hazard	None known

Symptoms related to the physical, chemical and toxicological characteristics

See Section 2 & 4.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Low toxicity to aquatic organisms

Persistence and degradability

Readily biodegradable

Bioaccumulative potential

low

Mobility in soil

No information available

Other adverse effects

None known

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

UN 1993, Flammable Liquid, n.o.s. (ethanol), Class 3, PG II

15. REGULATORY INFORMATIONAll ingredients are listed on the DSL
NPN 80008575**16. OTHER INFORMATION****Preparation Date**

August 27, 2020

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS