



MATERIAL SAFETY DATA

MSDS :NPLK-HC1

Version No: 002

Nippon Germ Killer (Hand Sanitizer)

Revision Date : 02-04-2020

1. GENERAL INFORMATION

Product Name : Nippon Germ Killer
Uses : Hand Sanitizer
Supplier : Nippon Paint Lanka (Pvt) Ltd.,
Street Address : "Nippolac Towers", No. 69A, Buthgamuwa Road, Rajgiriya, Sri Lanka.
Telephone Number : +94 11-4600400
Facsimile : +94 11-4600409
E-mail Address : colombo@nipponpaint.com.lk

CONTACT POINT

Designation : Head of Technical Support
Telephone Number : +94 77-2284058

2. CHEMICAL AND PHYSICAL PROPERTIES

Physical state : Transparent liquid
Boiling Point : N/A
Color : Colourless
Odor : Characteristic
pH : 6.0-7.0
Viscosity : N/A
Solubility : Soluble in water
Melting point : N/A
Specific gravity : 1.00±0.10
Flash point : Not determined

3. HAZARDS IDENTIFICATION

Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards : Flam. Liq. 2 - H225
Health hazards : Eye Irrit. 2 - H319 STOT SE 3 - H336
Environmental hazards : Not Classified

Label elements

Hazard pictograms



Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.



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Precautionary statements

P102 Keep out of reach of children.
P261 Avoid breathing vapours.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P271 Use only outdoors or in a well-ventilated area.
P301 IF SWALLOWED:
P313 Get medical advice/ attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P370+P378 In case of fire: Use foam, carbon dioxide or dry powder to extinguish.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a POISON CENTRE/doctor if you feel unwell. P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with local regulations

4. COMPOSITION

Ingredient % W/W

Component	% w/w	CAS Number
Alcoholic antimicrobial base	~70%	67-63-0
Moisturizing agents	~05%	56-81-5

5. FIRST AID MEASURES

- Eye contact** : Immediately flush eyes with cool running water around 10 minutes and seek medical advice if irritation persists.
- Skin contact** : The product is designed for skin application and irritation is not expected. If irritation occurs, rinse with water.
- Ingestion** : Rinse mouth then drink one or two large glasses of water. Get medical attention immediately.
- Inhalation** : This product has no probability of inhalation through breathing system. In case of discomfort/ irritation, discontinue use. If necessary, consult a physician

6. FIRE FIGHTING

Suitable extinguishing media

Extinguish with the following media: Foam, carbon dioxide or dry powder.

Specific hazards

May explode when heated or when exposed to flames or sparks.

Special protective equipment for firefighters

Keep containers cool by spraying with water to reduce explosion risks.

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

Others

Update your company safety procedures accordingly.



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7. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid contact with eyes. Avoid inhalation of vapours.
Environmental precautions	No smoking, sparks, flames or other sources of ignition near spillage. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
Methods for cleaning up	Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
Reference to other sections	For personal protection, see Section 9.

8. HANDLING AND STORAGE

Storage	: Keep container tightly closed. Store in a cool and dry place. Avoid excessive heat and freezing. Eliminate all ignition sources
Handling	: Do not ingest or let the product contact eyes. Keep out of the reach of children. Packaging material should be disposed of in an environmentally friendly manner

9. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

WEL = Workplace Exposure Limit.

Exposure controls

Appropriate engineering controls

All handling should only take place in well-ventilated areas.

Eye/face protection

None required if care is taken not to splash in eyes when pouring or using.

Hand protection

Hand protection not required.

Skin and body protection

None required. Respiratory protection Respiratory protection not required.

10. STABILITY AND REACTIVITY INFORMATION

Reactivity	There are no known reactivity hazards associated with this product.
Stability	No particular stability concerns.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	No known hazardous decomposition products.



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11. TOXICOLOGICAL INFORMATION

Toxicological effects Figures quoted below were from ATE (Acute Toxicity Estimate) Calculation Methods using LD50 or ATE figures provided by the raw material manufacturer. Other health effects Low oral toxicity, but ingestion may cause irritation of the gastro intestinal tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not regarded as dangerous for the environment.
Toxicity	No Aquatic Toxicity Data for this product. Any data for ingredients with aquatic toxicity provided by the raw material manufacturer can be made available on request.
Persistence and degradability	This product, at use dilutions, is readily broken down in biological effluent treatment plants.
Bioaccumulative potential	The product does not contain any substances expected to be bioaccumulating.

13. DISPOSAL CONSIDERATIONS

General dispose Advise: Dispose of in according to local, State, federal and Provincial Environmental regulations

14. TRANSPORT INFORMATION

1. UN number

UN No. (ADR/RID)	1987
UN No. (IMDG)	1987
UN No. (ICAO)	1987

2. UN proper shipping name

Proper shipping name (ADR/RID)	ALCOHOLS, N.O.S. (isopropanol)
Proper shipping name (IMDG)	ALCOHOLS, N.O.S. (isopropanol)
Proper shipping name (ICAO)	ALCOHOLS, N.O.S. (isopropanol)

3. Transport hazard class(es)

ADR/RID class	Class 3: Flammable liquids.
ADR/RID label	3
IMDG class	Class 3: Flammable liquids.
ICAO class/division	Class 3: Flammable liquids.

Transport labels



4. Packing group

ADR/RID packing group	II
IMDG packing group	II
ICAO packing group	II

5. Environmental hazards

Environmentally hazardous substance/marine pollutant No.



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15. REGULATORY INFORMATION

EU legislation

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2015/830 (which amends Regulation (EC) No 453/2010 & 1907/2006).

The product is as classified under GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Ingredients are listed with classification under GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

16. OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

IMDG: International Maritime Dangerous Goods.

ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

GHS: Globally Harmonized System.

Eye Irrit. = Eye irritation

Flam. Liq. = Flammable liquid

STOT SE = Specific target organ toxicity-single exposure

Disclaimer

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