



# 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** : www.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

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<b>Personal precautions</b>	Avoid contact with eyes. Avoid inhalation of vapours.
<b>Environmental precautions</b>	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.
<b>Methods for cleaning up</b>	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.
<b>Reference to other sections</b>	For personal protection, see Section 9.

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## 8. HANDLING AND STORAGE

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<b>Storage</b>	: Keep container tightly closed. Store in a cool and dry place. Avoid excessive heat and freezing. Eliminate all ignition sources
<b>Handling</b>	: 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

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## 9. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limits

Ethyl Alcohol

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m<sup>3</sup>

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.

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## 10. STABILITY AND REACTIVITY INFORMATION

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



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## 11. TOXICOLOGICAL INFORMATION

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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.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	Not regarded as dangerous for the environment.
<b>Toxicity</b>	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.
<b>Persistence and degradability</b>	This product, at use dilutions, is readily broken down in biological effluent treatment plants.
<b>Bioaccumulative potential</b>	The product does not contain any substances expected to be bioaccumulating.

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## 13. DISPOSAL CONSIDERATIONS

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

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## 14. TRANSPORT INFORMATION

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### 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

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### 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.

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## 16. OTHER INFORMATION

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### 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

To the best of our knowledge, the information contained herein is accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. Since the conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge, for this and other reasons, we make no guarantee of results and assume no liability for damages incurred by the use of this product. Please be reminded that all chemicals may present unknown health hazards and should be used with caution.