



Safety Data Sheet

1. Chemicals and company information

Chemical Name :

Product Name : GlossWell #360 Type Anti-Viral

Product Number (SDS NO) : 20200729-1

Detailed supplier information

Supplier : Presence Co., Ltd.

Address : 2-39-45 Shishigaya, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0073

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Emergency call : +81-45-717-7095

2. A summary of the hazards

GHS classification of products, label elements

GHS classification

Physicochemical Hazards

Flammable liquids: Category 3

Health hazards

Serious eye damage or eye irritation: Category 1

Reproductive toxicity: Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) : Category 3 (respiratory tract irritation)

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) : Category 3 (Anesthetic effect)

GHS label elements



Alert word: Danger

Hazardous Information

Flammable liquids and vapors

Serious eye injury

Suspected of having adverse effects on fertility or the fetus

Risk of respiratory irritation

Threat of drowsiness or dizziness

Notes

Safety measures

Keep away from sources of ignition such as heat/sparks/open flames/high temperatures. -No smoking.

Keep container tightly closed.

Ground and ground the container.

Use explosion-proof electrical, ventilation, lighting and other equipment.

Use tools which do not generate sparks.

Take precautionary measures against static discharge.

Avoid inhalation of dust/smoke/gas/mist/vapour/spray.

Use only outdoors or in a well ventilated area.

Wash contaminated area after handling.

Wear protective gloves and protective face.

Wear protective glasses/face protection.



Use designated personal protective equipment.

First Aid Measures

- In case of fire: Use approved fire extinguishing agent.
- In case of exposure or concern about exposure: Get medical advice/attention.
- Call a POISON CENTER or doctor/physician immediately.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- Inhalation: Remove victim to fresh air and rest in a position comfortable for breathing.
- Skin (or hair) contact : Get medical attention.
- Remove all contaminated clothing immediately. Rinse skin with running water.
- In case of eye contact: Rinse carefully with water for several minutes.
- Remove contact lenses, if present and easy to do.

Continue rinsing afterwards.

- If eye irritation persists: Seek medical advice/attention.

Storage.

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

Disposal

- Dispose of contents/container in accordance with local/national regulations.

Physical and chemical hazards

- It is a flammable liquid. May explode if vapors remain in the liquid.

3. Composition and ingredient information

Selection of Mixture/Single Chemical Substance :

Mixture

constituent name	Amount of content (%)	CAS No.	Chemical Control Law Decree No.
Silicone Resin	15 – 25	Undisclosed	-
1-propanol	60 - 70	71-23-8	-
3-Methoxy-3-methylbutanol	1 - 10	56539-66-3	-
Quaternary ammonium salt compounds, additives	<1	Undisclosed -	

Hazardous components

Ingredients that fall under "Harmful substance to be labeled" in the Industrial Safety and Health Law

1-propanol

Ingredients that fall under the category of "Harmful Substances to be Notified" in the Industrial Safety and Health Law

1-propanol

Harmful components subject to GHS classification classification

Components with Corrosion Symbols

1-propanol

Ingredients subject to the Health Hazard Symbol

1-propanol

4. first aid measures

○ Description of first aid measures

General Measures

- If exposed or concerned about exposure: Seek medical advice/attention.
- Call a POISON CENTER or doctor/physician immediately.
- Call a POISON CENTER or doctor/physician if you feel unwell.



- Inhalation
Move to a location with fresh air and rest in a position comfortable for breathing.
- In case of skin (or hair) contact
Remove all contaminated clothing immediately. Wash skin under running water/shower.
- In case of eye contact
Rinse carefully with water for several minutes. Remove contact lenses, if present and easy to do so.
Continue rinsing afterwards. If eye irritation persists: Seek medical advice/attention.

5. fire measures

- fire extinguishing agent
Appropriate extinguishing agent
In case of fire, use foam, powder or carbon dioxide gas.

6. measures to be taken in case of spill

- Personal precautions, protective equipment and emergency measures
Evacuate the area.
Wear self-contained breathing protection when handling leaks in poorly ventilated areas.
Wear suitable protective equipment.
Work from windward and evacuate the downwind area.
- Environmental precautions
Prevent spills of leaked material into sewers, drains and low lying areas.
- Measures to prevent secondary disasters
Stop the leak if it is not dangerous.
Remove all sources of ignition (no smoking, sparks or flames in the vicinity).
Prevent the flow into drains, drains, basements, or enclosed areas.

7. handling and storage precautions

- handling
technical measures
(Prevention of exposure of the handler)
Avoid inhalation of dust/smoke/gas/mist/vapor/spray.
(Prevention of fire/explosion.)
Keep away from ignition sources such as heat/sparks/open flames/hot ones. -No smoking.
Ground and ground container.
Use explosion-proof electrical, ventilation, lighting and other equipment.
Use spark-free tools.
Take precautionary measures against static discharge.
- Safety precautions
Use only outdoors or in a well-ventilated area.
Wear protective gloves and protective face.
Wear protective glasses/face protection.
Use specified personal protective equipment.
- Contraindications for use and other safe storage conditions
Appropriate storage conditions
Store in a well ventilated area. Keep container tightly closed. Place in a cool place.



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8. exposure controls and protective measures

- management index
 - No controlled concentration data
 - allowable concentration (1-propanol)
 - ACGIH(2006) TWA: 100ppm (eye and upper airway irritation)
- Hygiene measures: Wash contaminated areas after handling.

9. physical and chemical properties

- Information on basic physical and chemical properties
 - physical state
 - Form : Liquid
 - Color: colorless and transparent
 - Odor : Unique odor
 - A specific temperature/temperature range in which the physical state changes
 - First distillation point/boiling point: 97°C
 - Melting point/freezing point: -127°C
 - Flash Point: 25°C
 - Spontaneous ignition temperature: 371°C
 - Explosive characteristics: range of ignition or explosion
 - Lower limit: 2.1 vol %.
 - Upper limit: 13.5 vol %.
 - Steam pressure: 2.0 kPa (20°C)
 - Relative vapor density (air = 1): 2.1
 - Relative density of the vapor/air mixture at 20°C (air = 1): 1.02
 - Specific gravity/density: 0.87
 - Solubility
 - Solubility in water: Insoluble
 - n-Octanol/water partition coefficient: log Pow0.25

10. stability and reactivity

- Chemical stability
 - Stable under normal storage and handling conditions.
- Incompatible Materials
 - oxidizing substances

11. harmful information

- Information on toxicological effects
 - acute toxicity
 - Acute toxicity (oral)
 - [Data published in Japan]
 - (3-methoxy-3-methylbutanol)
 - rat LD50=4400 mg/kg (OECD TG401; GLP) (SIDS Access on May 2012)
 - (1-propanol)
 - rat LD50=2200 mg/kg (Ministry of the Environment Risk Assessment (Volume 6, 2008)
 - Acute toxicity (dermal)
 - [Data published in Japan]
 - (1-propanol)
 - rabbit LD50=4000 mg/kg (PATTY 5th, 2001)
 - local effect
 - Serious eye damage/irritation
 - [Data published in Japan]



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(3-methoxy-3-methylbutanol)
Rabbit Moderately Irritating (SIDS (Access on May. 2012))
(1-propanol)
Rabbit Severity (ACGIH, 2004 et al)

No sensitization data
No germ cell mutagenicity data

Carcinogenic

(1-propanol)

ACGIH-A4(2006) : Cannot be classified as a human carcinogen

reproductive toxicity

[data published in Japan]

(1-propanol) cat.2; rat : ACGIH, 2007

Teratogenicity data not available

Immediate effects due to short-term exposure, delayed/chronic effects due to long-term exposure

Specific Target Organ Toxicity

Specific target organ toxicity (single exposure)

[Category 3 (airway irritation)]

[data published in Japan]

(1-propanol) Airway irritation

[Category 3 (Anesthetic action)]

[data published in Japan]

(1-propanol) Anesthetic action (PATTY 5th, 2001)

No data on respiratory hazards inhalation

12. environmental impact information

Ecotoxicity

aquatic toxicity

Aquatic toxicity (acute) Composition data

[Data published in Japan]

(1-propanol)

Crustacean (Daphnia magna) LC50=3025 mg/L/48hr (EHC102, 1990)

water solubility

(1-propanol)

100 g/100 ml (PHYSROP Database, 2005)

Residuals and degradability

(3-methoxy-3-methylbutanol)

Decomposition by BOD: 110% (Existing Inspection, 2003)

bioaccumulative

(3-methoxy-3-methylbutanol)

log Kow=0.18 (SIDS, 2005)

(1-propanol)

log Pow=0.25 (ICSC, 1999)

No mobility data in soil

No data on ozone-depleting substances

13. disposal precautions

Waste disposal methods

Dispose of the contents/container in accordance with local/national regulations.



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14. transport considerations

- UN number, UN classification
 - Number : 1263
 - Product Name (UN Transport Name) :
 - Paint or paint-related substances
 - United Nations classification (Hazardous in transport class) : 3
 - Container grade : III
 - Guideline number: 128
 - Special provision numbers: 163; 223; 367; A3; A72; A192
- MARPOL Convention Annex II, Revised Hazardous Liquid Substances and IBC Code for Bulk Transport
 - Hazardous Liquid Substances (Class Y)
 - 1-propanol
 - Hazardous Liquid Substances (Class Z)
 - 3-Methoxy-3-methylbutanol

15. applicable law

- Safety, health and environmental regulations/laws specific to the product in question
 - Not applicable to the Poisonous and Deleterious Substances Control Law.
 - Occupational Health and Safety Law
 - Products that do not fall under organic solvents, etc.
 - (Dangerous and Hazardous Materials to be Labeled or Notified with Names, etc.)
 - Nomenclature Danger/Hazardous substance
 - 1-propanol
 - Name Notification Hazardous/Hazardous Material
 - 1-propanol
 - Appended Table 1: Dangerous Goods (see Article 1, 6 and 15)
 - Hazardous material, flammable material (0°C ≤ flammable point < 30°C)
 - It does not fall under the Promoting Chemical Management (PRTR) Act.
 - Fire Services Act
 - Class 4 Inflammable Liquid No.2 Petroleums Hazardous Grade III (specified quantity 1,000L)
 - It does not fall under the Chemical Substances Control Act.
 - Ship Safety Act
 - Inflammable liquids Class 3
 - Aviation Law
 - Flammable liquid Class 3

16. other information

- References
 - Globally Harmonized System of classification and labelling of chemicals, (5th ed., 2013), UN
 - Recommendations on the TRANSPORT OF DANGEROUS GOODS 19th edit., 2015 UN
 - Classification, labelling and packaging of substances and mixtures (table3-1 ECNO6182012)
 - 2016 EMERGENCY RESPONSE GUIDEBOOK (US DOT)
 - 2017 TLVs and BEIs. (ACGIH)
 - <http://monographs.iarc.fr/ENG/Classification/index.php>
 - JIS Z 7253 (2012)
 - JIS Z 7252 (2014)
 - 2017 Recommendations for Allowable Concentrations (Japa Society for Occupational Health)
 - Supplier's data/information