

Safety Data Sheets

1. chemicals and company information

Chemical Name :

Product Name : GlossWell #240 Type Anti-Viral / FLOOR

Product Number (SDS NO.) : FSS1100002

Supplier Information Details

Supplier : Presence Ltd.

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2. hazard summary

GHS classification of products, label elements

GHS Classification

Physicochemical Hazards

Flammable liquids: Category 2

Health Hazards

Skin corrosion and irritation: Category 2

Serious eye damage or eye irritation: Category 1

Reproductive toxicity: Category 2

SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE): Category 1

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

Specific target organ toxicity (single exposure): Category 3 (anesthetic effect)

Specific target organ toxicity (repeated exposure): Category 2

GHS label elements



Alert Words: Danger

Hazardousness Information

Highly flammable liquids and vapors

Skin Irritation

Serious eye injury

Suspicion of possible adverse effects on fertility or the fetus

Organ failure

Risk of irritation to the respiratory tract

Threat of drowsiness or dizziness

Threat of organ damage due to prolonged or repeated exposure

Notes

Safety measures

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

Keep container sealed.

Ground and ground the container.

Use explosion-proof electrical/ventilation equipment/lighting/other equipment.

Use tools that do not generate sparks.

Take precautions against static discharge.

Do not inhale dust/smoke/gas/mist/vapor/spray.
 Avoid inhalation of dust/smoke/gas/mist/vapor/spray.
 Use only outdoors or in a well-ventilated area.
 Wash contaminated area after handling.
 Wear protective gloves.
 Wear protective gloves and protective face.
 Wear protective glasses/face protection.
 Use specified personal protective equipment.
 Do not eat, drink or smoke when using this product.

First aid measures

In case of fire: Use the specified extinguishing agent.
 If you feel unwell, seek medical advice/attention.
 If exposed or concerned about exposure: Get medical advice/attention.
 Contact a physician immediately.
 Contact physician if you feel unwell.
 If exposed or concerned about exposure: Contact a physician.
 Inhalation: Move to fresh air and rest in a position comfortable for breathing.
 Skin contact: Wash with plenty of water and soap.
 Skin (or hair) contact: Remove all contaminated clothing immediately. Wash skin under running water/shower.
 In case of skin irritation: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse.
 In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue washing afterwards.

Storage

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

Disposal

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

Physical and chemical hazards

It is a highly flammable liquid. There is a risk of explosion if the vapors linger.

3. composition and ingredient information

Single product/mixture distinction :

Mixture

Component Name	Content (%)	CAS No.	Chemical Control Law No.
Silicone Resin	30 - 40	Not disclosed	-
1-propanol	30 - 40	71-23-8	-
3-methoxy-3-methylbutanol	30 - 40	56539-66-3	-
Special ammonium salt compounds	<1	Not disclosed	

Hazardous ingredients

Harmful substances that should be notified" under the Law on Safety and Health

1-propanol

Harmful ingredients that fall under the GHS classification category

Corrosion Symbols Applicable Components

1-propanol

4. first aid measures

Description of first aid measures

General Measures: If you feel unwell, seek medical advice/attention.

If exposed or concerned about exposure: Get medical advice/attention.

Contact a physician immediately.

Contact physician if you feel unwell.

If exposed or concerned about exposure: Contact a physician.

Inhalation

Move to fresh air and rest in a comfortable breathing position.

Skin (or hair) contact

Immediately remove all contaminated clothing. Wash skin under running water/shower.

Wash with copious amounts of water and soap.

If skin irritation occurs: Get medical advice/attention.

In case of eye contact

Rinse carefully with water for several minutes. Remove contact lenses if they can be easily removed when wearing them. Continue washing afterwards.

5. fire measures

Fire Extinguisher

Appropriate extinguishing agents

In case of fire, use foam, powder, carbon dioxide and dry sand. 6.

6. Accidental release measures

Precautions, protective equipment and emergency measures for the human body

Evacuate the area.

Provide adequate ventilation until recovery is complete.

Wear appropriate protective equipment.

Be careful not to spill.

Remove the source of ignition and ventilate the area.

Work from windward and evacuate the downwind people.

Stop leakage, if it can be handled safely.

Environmental Precautions

Prevent leaked material from being discharged into sewers, drains and low lying areas.

It shall not be discharged into sewage or drainage water.

Methods and equipment for containment and remediation

Absorb into inert materials (dry sand, soil, etc.) and collect in containers.

If a large amount is spilled, surround it with fill and dispose of it afterwards.

Sweep up and collect in containers.

Measures to Prevent Secondary Disasters

Prepare firefighting equipment in case of ignition.

Stop the leak if it is not dangerous.

Eliminate all sources of ignition (no smoking, sparks or flames in the vicinity).

7. handling and storage precautions

Handling

Technical measures

(Prevention of exposure of the handler)

Do not inhale dust/smoke/gas/mist/vapor/spray.

Avoid inhalation of dust/smoke/gas/mist/vapour/spray (to prevent fire and explosion).

(Prevention of fire and explosion)

Keep away from ignition sources such as heat/sparks/open flames/hot ones. -No smoking.

Ground and ground the container.

Use explosion-proof electrical/ventilating/lighting/other equipment.

Use tools that do not generate sparks.

Take precautionary measures against static discharge.

Safety precautions

Use only outdoors or in a well ventilated area.

Wear protective gloves.

Wear protective gloves and protective surfaces.

Wear protective glasses/face protection.

Use specified personal protective equipment.

Safe storage conditions, including incompatibilities, etc.

Proper Storage Conditions

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

8. Exposure controls and protective measures

Management Indicators

No control concentration data

Allowable concentration

(1-propanol)

ACGIH(2006) TWA: 100ppm (eye and upper airway irritation)

Hygiene Measures

Wash the contaminated area well after handling.

Do not eat, drink or smoke when using this product.

Take off contaminated clothing and wash it before reuse.

9. physical and chemical properties

Information on basic physical and chemical properties

Physical State

Shape : Liquid

Specific temperature / temperature range where the physical state changes

Starting Point / Boiling Point : No knowledge

Flash Point: 23° C

Spontaneous ignition temperature: 371° C

Explosive properties: range of ignition or explosion

Lower limit: 1.3vol

Upper limit: 23vol %

Solubility

Solubility in water: insoluble

10. stability and reactivity

Reactivity

Reacts with water.

Chemical Stability

Stable under normal storage/handling conditions.

Hazardous reaction potential

Vapor may ignite and cause an explosion.

Incompatible Materials

Acids, strong oxidizing substances

11. toxicity information

Information on toxicological effects

Acute Toxicity

Acute toxicity (oral)

Japan Published Basis Data]

(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 (transdermal)

Japan Published Basis Data]

(1-propanol)

rabbit LD50=4000 mg/kg (PATTY 5th, 2001)

Local effects

Serious damage/irritation to the eyes

Japan Published Basis Data]

(3-methoxy-3-methylbutanol)

Rabbit Moderate Irritability (SIDS (Access on May. 2012))

(1-propanol)

Rabbit Severity (ACGIH, 2004et al)

No sensitization data

No germ cell mutagenicity data

No teratogenicity data

Carcinogenicity

(1-propanol)

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

Reproductive Toxicity

Japan Published Basis Data]

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

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)

Japan Published Basis Data]

(1-propanol) Airway irritation

Category 3 (Anesthetic action)

Japan Published Basis Data]

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

No respiratory hazard data inhalation

12. environmental impact information

Ecotoxicity

Aquatic Toxicity

Aquatic toxicity (acute) Composition data

Japan Published Basis Data]

(1-propanol)

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

Water Solubility

(1-propanol)

100 g/100 ml (PHYSPROP Database, 2005)

Residual and degradable

(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

Avoiding release to the environment.

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

Do not dispose of the product in sewage, underground or in water.

14. transport instructions

UN number, UN classification

Number : 1263

Product Name (UN Transport Name) : Paints or paint-related substances

United Nations Classification (Hazardous in Transit Class) : 3

Container Grade : III

Guideline Number : 128

Special provision numbers: 163; 223; 367; A192

MARPOL Convention Annex II Revised Hazardous Liquid Substances and IBC Code in 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

Does not fall under the Poisonous and Deleterious Substances Control Act

Occupational Health and Safety Law

Products that do not fall under organic solvents, etc.

Appended Table 1 Dangerous Goods (related to Article 1, 6 and 15)

Hazardous and flammable materials (0° C ≤ flammable point < 30° C)

Name Notification Hazardous/Hazardous Materials (Article 57-2, Annex 9 of Article 18-2 of the Order)

1-propanol

Fire Law

Class 4 Inflammable Liquid Petroleum No. 2 Hazardous Grade III

Does not fall under the Chemical Substances Control Act.

Ship Safety Act

Flammable liquids Class 3

Aviation Law

Flammable liquids Classification 3

Other

Boric acid and organo-tin compounds are excluded from being less than 1%.

16. other information

References

The Globally Harmonized System of Classification and Labeling of Chemicals (5th edition, 2013), United Nations

Recommendations on the Transport of Dangerous Goods, 18th Edition 2013 UN

Classification, labeling, and packaging of substances and mixtures (Table 3-1 ECNO6182012)

2012 Emergency Response Guidebook (US DOT)

TLV and BEI in 2015.(ACGIH)

<http://monographs.iarc.fr/ENG/Classification/index.php>

JIS Z 7253 (2012)

JIS Z 7252 (2014)

2014 Recommendations for Allowable Concentrations (Japan Society for Occupational Health)

Supplier data/information

[About Limitation of Liability]

This information pertains to this particular material and is not valid when this material is combined or processed with other materials. It is the responsibility of the user to adapt this information to his or her unique handling and to make it complete and satisfactory.

The information presented here is prepared in good faith, but there are no guarantees, however stated. Please consult with us for further information.

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The content of this document is based on the materials and information data available at this time and is subject to revision based on new knowledge. In addition, the precautions are for normal handling, and in the case of special handling, sufficient safety measures should be taken before using the product.

The data presented here is based on the latest knowledge and experience. The purpose of the safety data sheet is to provide you with information for safe handling of the product. The data presented here is not a guarantee of product performance.