

# SAFETY DATA SHEET Dis-Spray (New)

# 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Dis-Spray (New)

PRODUCT NO. 505031

APPLICATION Embalming Spray

SUPPLIER Dodge Company Ltd.

Units 11/15 Ardglen Industrial

Estate,

Whitchurch, Hampshire, RG28 7BB, United Kingdom 44 (0)1256-893883 44 (0)1256-893868

# 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PROPAN-2-OL	200-661-7	67-63-0	60-100%	F;R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

# **3 HAZARDS IDENTIFICATION**

Highly flammable. Irritating to eyes. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. F;R11. R67.

# 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention. NOTE! Keep affected person away from heat, sparks and flames

#### INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately

from source of exposure. Provide rest, warmth and fresh air. Get medical attention.

#### SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water for

several minutes. Get medical attention if any discomfort continues.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

#### **5 FIRE-FIGHTING MEASURES**

# EXTINGUISHING MEDIA

Use: Foam. Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers

and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

May ignite if strongly heated.

SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO2).

# **6 ACCIDENTAL RELEASE MEASURES**

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# Dis-Spray (New)

#### SPILL CLEAN UP METHODS

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Do not contaminate water sources or sewer. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a spillage.

#### 7 HANDLING AND STORAGE

#### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Container must be kept tightly closed. Use explosion proof electric equipment.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Keep containers tightly closed. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

# 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
PROPAN-2-OL	WEL	(400 ppm)	999 mg/m3	(500 ppm)	1250 mg/m3

# INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

# PROTECTIVE EQUIPMENT





#### **ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

#### RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level.

#### HAND PROTECTION

Use protective gloves.

#### **EYE PROTECTION**

Wear splash-proof eye goggles to prevent any possibility of eye contact.

# OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

# HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly

with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat,

drink or smoke.

# 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Clear Liquid

COLOUR Blue

ODOUR Mild (or faint). Odour of alcohol

SOLUBILITY Soluble in water

 BOILING POINT (°C)
 75-77 760 mm Hg
 RELATIVE DENSITY
 .860-.880 @ 20 °c

 VAPOUR DENSITY (air=1)
 >1
 VAPOUR PRESSURE
 33 mmHg @ 20 °c

 EVAPORATION RATE
 >1 BuAc=1
 VOLATILE BY VOL. (%)
 99.6

 FLASH POINT (°C)
 12 CC (Closed cup).
 FLAMMABILITY LIMIT - LOWER(%)
 2

FLAMMABILITY LIMIT - UPPER(%) 12

#### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

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CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with strong reducing agents

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

#### 11 TOXICOLOGICAL INFORMATION

INHALATION

Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION

May cause stomach pain or vomiting. Swallowing concentrated chemical may cause severe internal injury.

SKIN CONTACT

May cause sensitisation by skin contact. Prolonged contact may cause dryness of the skin.

FYF CONTACT

Vapour, spray or dust may cause chronic eye irritation or eye damage.

**HEALTH WARNINGS** 

INHALATION. May cause irritation to the respiratory system. SKIN CONTACT. Acts as a defatting agent on skin. May cause cracking of

skin, and eczema. EYE CONTACT. May cause severe irritation to eyes. INGESTION. May cause stomach pain or vomiting.

Other Health Effects

Carcinogen Category 3.

MEDICAL CONSIDERATIONS

Allergies. Skin disorders and allergies.

#### 12 ECOLOGICAL INFORMATION

**ECOTOXICITY** 

Not known.

#### 13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

ADR PACK GROUP

Dispose of waste and residues in accordance with local authority requirements.

# 14 TRANSPORT INFORMATION



UK ROAD CLASS 3

PROPER SHIPPING NAME ISOPROPANOL (ISOPROPYL ALCOHOL)

Ш

 UN NO. ROAD
 1219
 UK ROAD PACK GR.
 II

ADR CLASS NO. 3 ADR CLASS Class 3: Flammable liquids.

ADR LABEL NO. HAZCHEM CODE 3 2YE CEFIC TEC(R) NO. 30GF1-I+II RID CLASS NO. 3 RID PACK GROUP Ш UN NO. SEA 1219 IMDG CLASS 3 IMDG PAGE NO. 3 IMDG PACK GR. EMS F-E, S-D

 MFAG
 See Guide
 MARINE POLLUTANT
 No.

 UN NO. AIR
 1219
 AIR CLASS
 3

AIR PACK GR.

HAZARD No. (ADR)

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# Dis-Spray (New)

# 15 REGULATORY INFORMATION

# LABELLING





R36

Highly Flammable

RISK PHRASES

R11 Highly flammable

Irritating to eyes. R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

Keep container in a well-ventilated place. Sq

S16 Keep away from sources of ignition - No smoking.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical

S51 Use only in well-ventilated areas.

# UK REGULATORY REFERENCES

Highly Flammable Liquid Regulations 1972. Petroleum (Consolidation) Act, as amended 1984 SI 1244.

#### **ENVIRONMENTAL LISTING**

Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

#### **EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

#### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

# APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

# GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

# **16 OTHER INFORMATION**

# INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

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RISK PHRASES IN FULL

R11 Highly flammable. R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness

DISCLAIMER

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