



## SAFETY DATA SHEET

## Ozium 650

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

PRODUCT NAME Ozium 650

PRODUCT NO. 921568

SUPPLIER Dodge Company Ltd,  
Units 11/15 Ardglen Industrial  
Estate,  
Whitchurch, Hampshire,  
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44 (0)1256-893883  
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## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANE	203-448-7	106-97-8	30-60%	F+;R12
PROPAN-2-OL	200-661-7	67-63-0	30-60%	F;R11 Xi;R36 R67

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

## 3 HAZARDS IDENTIFICATION

Irritating to eyes. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. R67.

## 4 FIRST-AID MEASURES

## INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

## INGESTION

Not relevant.

## SKIN CONTACT

Wash the skin immediately with soap and water. 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 if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

## EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Foam. Powder. Dry chemicals, sand, dolomite etc.

## SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Ventilate closed spaces before entering them. Use water to keep fire exposed containers cool and disperse vapours.

## UNUSUAL FIRE &amp; EXPLOSION HAZARDS

Aerosol cans may explode in a fire. Vapours may ignite.

## SPECIFIC HAZARDS

Fire creates: Toxic gases/vapours/fumes of Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## 6 ACCIDENTAL RELEASE MEASURES

## SPILL CLEAN UP METHODS

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

## Ozium 650

**7 HANDLING AND STORAGE**

## USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. During application and drying, solvent vapours will be emitted. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment.

## STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. May attack some plastics, rubber and coatings.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 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

Explosion-proof general and local exhaust ventilation.

## RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

## HAND PROTECTION

Use protective gloves made of: P.T.F.E (Teflon). or Polyethylene/Ethylene Vinyl Alcohol (PE/EVAL).

## EYE PROTECTION

Wear approved safety goggles.

## 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. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Aerosol		
BOILING POINT (°C)	60 760 mm Hg	VAPOUR DENSITY (air=1)	>1
EVAPORATION RATE	>1 BuAc=1	FLASH POINT (°C)	-4 CC (Closed cup).

**10 STABILITY AND REACTIVITY**

## STABILITY

Stable under normal temperature conditions.

## CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

**11 TOXICOLOGICAL INFORMATION**

## INHALATION

Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea.

## INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression. Narcotic effect.

## SKIN CONTACT

Harmful in contact with skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

**Ozium 650**

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

**HEALTH WARNINGS**

May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system.

**ROUTE OF ENTRY**

Inhalation. Skin and/or eye contact.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

Not regarded as dangerous for the environment.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



UK ROAD CLASS	2.1		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	Not Applicable
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	Not Applicable	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2
RID PACK GROUP	Not Applicable	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PAGE NO.	2.1
IMDG PACK GR.	Not Applicable	EMS	F-D, S-U
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1950	AIR CLASS	2.1
AIR PACK GR.	Not Applicable		

**15 REGULATORY INFORMATION**

**LABELLING**



Irritant

**RISK PHRASES**

- R67 Vapours may cause drowsiness and dizziness.
- R36 Irritating to eyes.

**SAFETY PHRASES**

- S2 Keep out of the reach of children
- S16 Keep away from sources of ignition - No smoking.
- S23 Do not breathe vapour/spray.
- S25 Avoid contact with eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37 Wear suitable gloves.

**Ozium 650**

S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S60	This material and its container must be disposed of as hazardous waste.

## UK REGULATORY REFERENCES

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

## ENVIRONMENTAL LISTING

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

## EU DIRECTIVES

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

## APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

## GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

**16 OTHER INFORMATION**

## INFORMATION SOURCES

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

REVISION DATE May 2007

## RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R36	Irritating to eyes.
R67	Vapours may cause drowsiness and dizziness.

## DISCLAIMER

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