

Up-Mark-It Outline

Page 1 of 9
Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

Up Mark It Outline

1. IDENTIFICATION OF SUBSTANCE / MIXTURE OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
Material name: Up Mark It Outline - Aerosol
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Product use: Line Marker Paint
- 1.3 Details of the supplier of the safety data sheet**
Manufacturer / Supplier: IMG Ltd.,
Unit M
Riverside Industrial Estate
Fazeley
Tamworth
B78 3RW

Telephone: 01827 283322
Fax: 01827 250143
Email (for SDS): sales@img-limited.co.uk
- 1.4 Emergency tel. no:** 01827 283322 (Available from 8.30 – 17.00 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical hazards	Flam. Aerosol 1; H222
Human Health	Eye Irr.2; H319; Lact.; H362; STOT SE 3; H336; EUH066; EUH208
Environment	Aquatic chronic 3; H412

2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

Signal word: Danger

Pictogram(s):



Hazard Statements:

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H362	May cause harm to breast-fed children.
H412	Harmful to aquatic life with long lasting effects.

Up-Mark-It Outline

Page 2 of 9
Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

Precautionary Statements:

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.

Supplemental label information:

EUH 066	Repeated exposure may cause skin dryness or cracking.
EUH 208	Contains isodecylpropylamine acetate. May produce an allergic reaction.

Other hazards: In use, may form flammable / explosive vapour-air mixture. None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Acetone	CAS: 67-64-1 EC: 200-662-2 REACH: 01-2119471330-XXXX	Flam. Liq.2; H225 Eye Irr. 2; H319 STOT SE 3; H336 EUH 066	10-30%
Petroleum gases, liquefied	CAS: 68476-85-7 EC: 270-704-2	Flam. Gas.1; H220 Press. Gas; H280	10-30%
n-Butyl Acetate	CAS: 123-86-4 EC: 204-658-1	Flam Liq.3; H226 STOT SE 3; H336 EUH 066	1-10%
1-Methoxy-2-Propanol	CAS: 107-98-2 EC: 203-539-1	Flam. Liq.3; H226 STOT SE 3; H336	1-10%
2-Butoxyethanol	CAS: 111-76-2 EC: 203-905-0	Acute Tox.4; H332 Acute Tox.4; H312 Acute Tox.4; H302 Eye Irr. 2; H319 Skin Irr.2; H315	1-10%
Ethyl Acetate	CAS: 141-78-6 EC: 205-500-4	Flam.Liq. 2; H225 Eye Irr.2; H319 STOT SE 3; H336 EUH066	1-10%
Alkanes, C14-17, Chloro	CAS: 85535-85-9 EC: 287-477-0	Lact.;H362 Aquatic Chronic 1; H410 Aquatic acute 1; H400	1-10%
Isodecylpropylamine Acetate	CAS: 28701-67-9	Acute Tox.4; H302 Skin Corr.1B; H314 STOT SE 3; H335 Aquatic Chronic 1; H410 Skin Sens.1; H317	<1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

Up-Mark-It Outline

Page 3 of 9

Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Inhalation: Remove to fresh air.

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

Ingestion: Do NOT induce vomiting. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: There may be irritation and redness.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Skin contact: There may be mild irritation at the site of contact.

Ingestion: There may be soreness and redness of the mouth and throat.

4.3 Indication of any immediate medical attention and special treatment needed: Not applicable.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powders, water.

Unsuitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for SDS for personal protection details.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. Contain the spillage using bunding. If the product contaminated lakes, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Do not use equipment in clean-up procedure which may produce sparks. Clean up should be dealt with only by qualified personnel familiar with specific substance.

6.4 Reference to other sections

See section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

Up-Mark-It Outline

Page 4 of 9

Issued: 13/06/2019, Revision No: 2

Regulation (EC) No. 453/2010

7.1 Precautions for safe handling

Ensure that there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area. Keep away from direct sunlight. Keep container tightly closed. Keep away from sources of ignition. Must only be kept in original packaging.

7.3 Specific end use(s)

Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	8hr TWA	15min STEL	Reference
Acetone	500ppm 1210mg/m ³	1500ppm 3620mg/m ³	-
Petroleum Gases, Liquefied	1750mg/m ³	2180mg/m ³	-
n-Butyl Acetate	724mg/m ³	966mg/m ³	
1-methoxy-2-propanol	375mg/m ³	560mg/m ³	
2-butoxethanol	25ppm	50ppm	
Ethyl Acetate	200ppm	400ppm	

DNEL:

DNEL (Workers)	Acetone
Systematic effects (Inhalation)	1210mg/m ³
Local effects (Inhalation)	2420mg/m ³
Systematic effects (Dermal)	186mg/kg/day
DNEL (Consumers)	Acetone
Systematic effects (Oral)	62mg/kg/day
Systematic effects (Dermal)	62mg/m ³
Systematic effects (Inhalation)	200mg/m ³

Up-Mark-It Outline

PNEC

PNEC	Acetone
Fresh Water	10.6mg/l
Marine Water	1.06mg/l
Fresh Water Sediments	30.4mg/kg
Marine Sediments	3.04mg/kg
Soil (agricultural)	29.5mg/kg
Microorganisms in sewage treatment	100mg/l

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Personal Protective Equipment

Hand protection: Chemically resistant gloves.
 Eye protection: Safety glasses. Ensure eye bath is to hand.
 Skin protection: Protective clothing.
 Respiratory protection: Respiratory protection not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour: Aerosol, white.
Odour: Characteristic odour.
Odour threshold: No data available.
Flammability: No data available.
Flash point: <23°C
Lower explosion limit: No data available.
Upper explosion limit: No data available.
Explosive properties: No data available.
Thermal decomposition: No data available.
Auto-ignition temperature: No data available.
Oxidising properties: No data available.
Solubility in water: No data available.
Solubility in other solvents: No data available.
pH: No data available.
Melting point / range: No data available.
Boiling point / range: No data available.
Relative Density: No data available.
Vapour pressure: No data available.
Vapour density: No data available.
Partition coefficient: n-octanol / water: No data available.
Viscosity (kinematic): No data available.
Evaporation rate: No data available.

9.2 Other information No data available.

Up-Mark-It Outline

Page 6 of 9
Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport and storage conditions.
10.2 Chemical stability	Stable under recommended storage and handling conditions. Stable at room temperature.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur. Decomposition may occur on exposure to conditions or materials listed below.
10.4 Conditions to avoid	Direct sunlight and heat. Hot surfaces. Sources of ignition. Flames.
10.5 Incompatible materials	Keep away from the following materials; strong oxidising agents, acids.
10.6 Hazardous decomposition products	In combustion, emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)	LD10
Acetone	5800mg/kg (Rat)	76000mg/l (Rat 4h)	2000mg/kg (Rabbit) >7400mg/kg (Rat)	No data available
n-Butyl Acetate	10768 mg/kg (Rat)	No data available	No data available	No data available
1-methoxy-2-propanol	11700mg/kg (Mouse)	No data available	No data available	3739mg/kg (Rat – Oral)
2-Butoxyethanol	1230mg/kg (Mouse) 470mg/kg (Rat)	No data available	No data available	No data available
Ethyl Acetate	4100mg/kg (Mouse) 5620mg/kg (Rat)	No data available	No data available	5gm/kg

Relevant hazards for product

Hazard	Route	Basis
Serious eye damage / irritation	Optical	Hazardous - calculated
STOT – single exposure		Hazardous - calculated

Symptoms / routes of exposure

Skin corrosion / irritation: There may be mild irritation at the site of contact.

Up-Mark-It Outline

Page 7 of 9

Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

Serious eye damage / irritation:	There may be irritation and redness.
Respiratory or skin sensitisation:	There may be soreness and redness of the mouth and throat, with a tightness of the chest.
Repeated dose toxicity:	No data available.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Toxicity for reproduction:	No data available.
Specific target organ toxicity (STOT):	No data available.
Further information:	No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Acetone	Algae	EC10 192h	530 mg/l
	Activated Sludge	EC10 30m	1000 mg/l
	Daphnia	EC50 48h	8800mg/l
	Daphnia Magna	EC10 192h	2212mg/l
	Rainbow Trout (Oncorhynchus mykiss)	LC50 96h	5540mg/l

12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	No data available.
12.4 Mobility in soil	No data available.
12.5 Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance.
12.6 Other adverse effects	Toxic to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

14. TRANSPORT INFORMATION

General Information The UN number for all aerosols is 1950. Aerosols packed in fibreboard cartons up to 30kg gross weight, or shrink / stretch wrapped onto trays up to 20kg gross weight may be transported as Limited Quantities, and should display the symbol below.



14.1 UN number	ADR/RID/AND; IMDG; ICAO	1950
14.2 UN Proper shipping name	Aerosols	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	2, 5F
	ADR/ RID/ADN Class	Class 2
	ADR Label No.	2
	IMDG Class	2
	ICAO Class/Division	2

Up-Mark-It Outline

Page 8 of 9

Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

ICAO Subsidiary Risk 2.1



Transport labels

- 14.4 Packing group** ADR/RID/AND; IMDG; ICAO Not applicable for aerosols
- 14.5 Environmental hazards** No
- 14.6 Special precautions for user** ADR/RID: Tunnel code E
IMDG: Emergency schedules F-D, S-U
- 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Guidance Notes

Health and Safety Executive Workplace Exposure Limits EH40.

15.2 Chemical Safety Assessment

Chemical safety assessments / reports are not required for mixtures.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

Physical hazards: On basis of test data / Expert judgement
Health hazards: Calculation method
Environmental hazards: Calculation method

Full text of H-statements referred to under sections 2 and 3

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.

Up-Mark-It Outline

Page 9 of 9

Issued: 13/06/2019, Revision No: 2
Regulation (EC) No. 453/2010

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H362	May cause harm to breast-fed children.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms

CAS:	Chemical Abstract Service (division of the American Chemical Society) – Section 3.
STOT	Single Target Organ Toxicity – Section 11.
TWA	Time Weighted Average – Section 8.
STEL	Short Term Exposure Limit – Section 8.
DNEL	Derived No Effect Level – Section 8.
LDlo:	Lowest Dosage causing death – Section 11.
EC50	Effective Concentration, 50 percent – Section 12.
LD50	Lethal Dose, 50 percent – Section 11.
LC50	Lethal Concentration, 50 percent – Section 11.
STOT:	Single Target Organ Toxicity – Section 11.
PBT:	Persistent, Bioaccumulative, Toxic – Section 12.
VPvB:	very Persistent and very Bioaccumulative – Section 12.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page]

