

Foam Seal Cleaner

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Issued: 09/12/2019, Revision No: 1
Regulation (EC) No. 453/2010

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

1.1 Product Identifier

Material name: Foamseal Cleaner

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Cleaner for Foamseal gun equipment

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; H229

Human Health Eye Irr. 2; H319; STOT SE 3; H336

Environment Not classified

2.2 Label elements

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

Signal word: Danger

Pictogram(s):



Contains: Acetone.

Hazard	H222	Extremely flammable aerosol.
Statements:	H229	Pressurised container: May burst if heated.
	H319	Causes serious eye irritation.
	H336	May cause drowsiness or dizziness.

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Precautionary Statements:	P101	If medical advice is needed, have product container or label at hand.
	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.
	P280	Wear eye protection/ face protection.
	P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	If eye irritation persists: Get medical advice / attention.
	P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501	Dispose of contents/container to requirements of local authorities.	
Supplemental Statements:	EUH066	Repeated exposure may cause skin dryness or cracking.

Other hazards: Gas/vapour spreads at floor level: ignition hazard.

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: 01-2119471330-49	Flam.Liq.2; H225 Eye Irr.2; H319 STOT SE 3; H336	>25%
Isobutane	CAS: 75-28-5 EC: 200-857-2 REACH: 01-2119485395-27	Flam.Gas 1; H220 Press.Gas – Liquefied gas; H280	>1%
Propane	CAS: 74-98-6 EC: 200-827-9 REACH: 01-2119486944-21	Flam.Gas 1; H220 Press.Gas – Liquefied gas; H280	>1%

See Section 16 for the full text of the H statements declared above.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: Check vital functions. If unconscious maintain airway and respiration. Keep victim calm and at rest. Seek immediate medical attention. In all cases of doubt, or when symptoms persist, seek medical attention.

Eye contact: Immediately flush eyes with plenty of water. Remove contact lenses if present and easy to do so. Continue rinsing for at least 10 minutes. Seek medical attention.

Inhalation: Remove victim to fresh air and kept at rest in a position comfortable for breathing. If not breathing, if breathing is uncomfortable or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if adverse health effects

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persist or are severe. If unconscious, place in recovery position and get medical attention immediately.

Skin contact: Wash immediately with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

Ingestion: Wash out mouth with water. Do not induce vomiting. Do not apply chemical neutralising agents without medical advice. Get medical attention if adverse health effects persist or are severe.

Protection of first aiders: No action shall be taken involving any personal risk without suitable training.

4.2 Most important symptoms and effects, both acute and delayed: In case of contact with eye, irritation may occur. In persistent contact with skin, will cause dryness and cracking. If inhaled in high concentrations, may feel weak, dizzy, have a headache and suffer respiratory problems.

4.3 Indication of any immediate medical attention and special treatment needed: None known.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Powders.

Unsuitable extinguishing media: Carbon dioxide, water (water can be used to control jet flame), foam.

5.2 Special hazards arising from the substance or mixture

Decomposition products may include: carbon monoxide, carbon dioxide. Pressurised container: may burst if heated.

5.3 Advice for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. If exposed to fire, cool the closed containers by spraying with water. Do not move load if exposed to heat.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, boots and gloves) conforming to European Standard EN 469 will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving personal risk or without suitable training. Evacuate surrounding areas. Stop engines. No smoking. No naked flames or sparks. Refer to section 8 for SDS for personal protection details.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. 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. Carefully collect the spill. Clean contaminated surfaces with an excess of water.

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6.4 Reference to other sections

See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use spark/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away of ignition sources/sparks. Gas/vapour is heavier than air at 20°C. Observe normal hygiene standards.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, cool and well-ventilated area, below 50°C. Keep away from direct sunlight. Keep away from sources of ignition, strong acids or strong bases.

7.3 Specific end use(s)

Not available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limits

Chemical Name	8hr TWA	15min STEL	Reference
Acetone	500 ppm 1210 mg/m ³	1500 ppm 3620 mg/m ³	EH40/2005 WELs (UK 8/2018).

DNELs/DMELs

DNEL (Workers)	Acetone
Systemic effects (Long term inhalation)	1210 mg/m ³
Local effects (Short term inhalation)	2420 mg/m ³
System effects (Long term dermal)	186 mg/kg bw/day
DNEL (Consumers)	Acetone
Systemic effects (Long term inhalation)	200 mg/m ³
Local effects (Long term dermal)	62 mg/kg bw/day
Systemic effects (Long term oral)	62 mg/kg bw/day

PNECs

PNEC	Acetone

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Fresh Water	10.6 mg/l
Marine Water	1.06 mg/l
Fresh Water Sediments	30.4 mg/kg sediment dw
Marine Sediments	30.4 mg/kg sediment dw
Soil (agricultural)	29.5 mg/kg soil dw
Sewage treatment	100 mg/l
Aqua (Intermittent releases)	21 mg/l

8.2 Exposure controls

Engineering measures: Use spark/explosion proof appliances and lighting system. Keep away from naked flames/heat. Keep away of ignition sources/sparks. Gas/vapour is heavier than air at 20°C. Observe normal hygiene standards.

Personal Protective Equipment

Hygiene measures: Observe normal hygiene measures. Do not eat, drink or smoke during use.

Hand protection: Protective gloves against chemicals (EN374) e.g. Butyl rubber

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Respiratory protection: Self-contained breathing apparatus may be required if handling in a confined space with no ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Liquid, colourless.
Odour:	Acetone odour.
Odour threshold:	No data available.
Flammability:	Extremely flammable.
Flash point:	>0°C
Lower explosion limit:	1.8%.
Upper explosion limit:	13%.
Explosive properties:	No data available.
Thermal decomposition:	No data available.
Auto-ignition temperature:	No data available.
Oxidising properties:	No data available.
Solubility in water:	Soluble.
Solubility in other solvents:	Soluble in ethanol and ether.
pH:	No data available.
Melting point / range:	Not applicable.
Boiling point / range:	Not applicable.
Relative Density:	No data available.
Vapour pressure:	8530 hPa; 20°C.
Vapour density:	No data available.
Partition coefficient: n-octanol / water:	No data available.

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Viscosity (kinematic): No data available.
Evaporation rate: No data available.

9.2 Other information No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity Stable under recommended transport and storage conditions. May be ignited by sparks. Gas/vapour spreads at floor level – ignition hazard.

10.2 Chemical stability Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid Naked flames, heat, ignition sources, sparks.

10.5 Incompatible materials Keep away from the following materials; oxidising agents, strong acids, strong bases.

10.6 Hazardous decomposition products Decomposition products may include the following materials; carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Foamseal Cleaner	>5000 mg/kg (Rat)	No data available	No data available
Acetone	5800 mg/kg (Rat - female)	76 mg/l (4h Rat) 16000 ppm (4h Rat)	>20000 mg/kg (Rabbit - male)

Symptoms / routes of exposure

Skin corrosion / irritation: Contact may cause irritation and redness. Prolonged or repeated contact may defat the skin leading to dermatitis.

Serious eye damage / irritation: If splashed in eyes may cause irritation and redness.

Respiratory or skin sensitisation: No data available.

Repeated dose toxicity: No data available.

Carcinogenicity: Not classified as carcinogenic.

Mutagenicity: Not classified as mutagenic.

Toxicity for reproduction: Not classified as toxic for reproduction.

Specific target organ toxicity (STOT): Not classified for subchronic toxicity.

Further information: No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Chemical name	Species	Test	Value
Acetone	Salmo Gairdneri	LC50 96h	5540 mg/l

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	Daphnia Magna	LC50 48h	12600 mg/l
	Selenastrum Capricornutum	EC50 96h	>7000 mg/l
	Daphnia Magna	NOEC 28 days	2212 mg/l

12.2 Persistence and degradability	No data available.
12.3 Bioaccumulative potential	Does not contain any bioaccumulative components.
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	No data available.

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.

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

16 05 04* - Gases in pressure containers and discarded chemicals: gases in pressure containers (including halons) containing hazardous substances.

20 01 29* - separately collected fractions (except 15 01): detergents containing hazardous substances. Depending on branch of industry and production process, also other waste codes may be applicable.

15 01 10* - Packaging containing residues of or contaminated by dangerous substances.

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
	ICAO Subsidiary Risk	2.1

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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 EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals).

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.

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- H225 Highly flammable liquid and vapour.
- H229 Pressurised container: May burst if heated.
- H280 Contains gas under pressure; may explode if heated.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.

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.
- EC50 Effective Concentration, 50 percent – Section 12.
- LD50 Lethal Dose, 50 percent – Section 11.
- LC50 Lethal Concentration, 50 percent – Section 11.
- NOEC No Observed Effect Concentration – 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.

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