



Safety Data Sheet According to 1907/2006/EC, Article 31

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1. Identification of Product and Company's Name:

PRODUCT DETAIL

Trade Name: OWS 910 Universal Foam Cleaner

Article Number: 910

Application of the substance / the preparation:

Manufacturer / Supplier:

Our Workshop System (S) Pte Ltd
107 Tuas View Walk 1, Singapore 637730

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Further information obtainable from:

Labor: Gordon Chiew

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Information in case emergency: Tel: (49) 171 9978 792 Monday to Friday 9:00 to 18:00 CET

2. Hazards identification

Main Hazards::

Extremely flammable.

Other Hazards:

In use, may form flammable / explosive dust-air mixture. Harmful if swallowed. Harmful in contact with skin. Irritating to eyes. Irritating to skin.)

3. Composition / information on ingredients

Chemical characterization			
CAS: 68131-75-9	Propan/butan	[F+] R12	30%
CAS: 67-63-0 EINECS: 200-661-7	Propan-2-OL	[F] R11 [Xi] R36 [-] R67	40%
CAS: 1336-21-6 EINECS: 215-647-6	Ammonia solution 50%	[C] R34 [N] R50	30%

4. First Aid Measures:

- After skin contact** : Wash immediately with plenty of soap and water
- After eye contact** : Bathe the eye with running water for 15 minutes. Consult a doctor.
- After ingestion** : Do not induce vomiting.
Seek medical attention immediately
- Inhalation** : Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.

5. Fire Fighting measures:

Extinguishing Media:

Carbon dioxide.
Water spray.
Alcohol resistant foam.
Dry chemical powder.
Use water spray to cool containers.

Exposure Hazards

Extremely flammable. Forms explosive air-vapor mixture.

Protection of Fire-fighters

Wear self-contained breathing apparatus.
Wear protective clothing to prevent contact with skin and eyes.

6. Accidental release measures:

Personal precautions

Eliminate all sources of ignition.
Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations
- see section 9 of SDS.

Environmental precautions

Do not discharge into drains or rivers.

Methods for cleaning up/taking up

Mix with sand or vermiculite.

7. Handling and storage:

Handling

Advice on safe handling : Ensure there is sufficient ventilation of the area. Smoking is forbidden.

Storage : Store in cool, well ventilated area. Ensure lighting and electrical equipment are not a source of ignition. Keep away from sources of ignition. Keep away from direct sunlight.

Packaging : Must only be kept in original packaging.

8. Exposure controls / personal protection:

Ingredients

	WA (8hr exposure limit)	(15 min exposure limit)
Propan/butan	1000 STEL	4 (OES)
Proban-2-OL	999 mg/m3 STEL	1250 mg/m3 (OES)

Engineering Measures

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

Hand Protection Protective gloves.

Eye Protection Tightly fitting safety goggles.

Skin Protection Protective clothing.

9. Physical and chemical properties:

Form: Aerosol

Color: Off-white

Odor: Characteristic odour

Solubility in water: Soluble **Viscosity:** Non-viscous

	Value	Method
Flammability limits %:		
lower:	2,0	DIN 51 377
upper:	12,0	
Flashpoint °C:	<-5	DIN 51 562
Autoflammability °C	340	
Vapour pressure:	3,5b/20 °C	
	6.5b/50 °C	
Relative Density:	0.9	
pH:	11	

10. Stability and reactivity:

Stability	: Stable under normal conditions.
• Conditions to Avoid	: Heat.
• Materials to Avoid	: Sources of ignition. Direct sunlight. Strong oxidizing agents.
• Hazardous Decomp. Products	: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

11. Toxicological information:

Ingredients:	
Propan/Butan 1000	
Propan-2-OL	ORL RAT LD50 5045 mg/kg
Ammonia Solution 50%	ORL RAT LD50 350 mg/kg

12. Ecological information:

Mobility:	
• Non-volatile:	
• Persistence and Degradability	: Only slightly biodegradable.
• Bioaccumulative Potential	: Bioaccumulation potential.
• Other Adverse Effects	: Toxic to aquatic organisms.

13. Disposal considerations:

Disposal Operations	: D9 Physico-chemical treatment not specified elsewhere in this Annex which results in final compounds or mixtures which are disposed of by means of any of the operations in this Annex (e.g. evaporation, drying, calcination, etc.). R1 Solvent reclamation/regeneration.
Disposal of Packaging	: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
NB	: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. Transport information:

Land transport ADR / RID (cross-border)



• UN Number	: 1950	• Technical name(s)	: Propan/Butan
• ADR Class	: 2		: Propan-2-OL
• Classification code	: 5F		: Butoxyethanol
• Labeling	: 2.1		
• Shipping name	: Aerosols		

Maritime transport IMDG/IMO



- **UN Number** : 1950
- **Class** : 2
- **EMS Number** : 2-13
- **Marine pollutant** : -
- **Labeling** : 2.1

Air transport IATA / ICAO



- **UN Number** : 1950
- **Class** : 2
- **Labeling** : 2.1

15. Regulatory information:

Hazard Symbols : Extremely flammable.

Risk Phrases : R12: Extremely flammable

Safety Phrases

Pressurized container : Protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

S51: Use only in well-ventilated areas.

S56: Dispose of this material and its container to hazardous or special waste collection point.

Precautionary Phrases

Pressurized container : Protect from sunlight and do not expose to temperatures exceeding 50°C.

Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material.

Keep away from sources of ignition - No smoking.

Keep out of the reach of children.

Water Hazard Class : 1 Classification by VwVwS

Note : The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other information:

Risk Phrases used in s.2: R12: Extremely flammable.

R11: Highly flammable.

R36: Irritating to eyes.

R67: Vapors may cause drowsiness and dizziness.

R34: Causes burns.

R50: Very toxic to aquatic organisms.

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