

Advanced Agent 100%

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER			
Product Name:	Advanced Agent 100%	Product Codes:	M2AFB005, M2AFB020
Recommended Use:	Fire Suppression Liquid		
Supplier Name:	JSG Industrial System Pty Ltd	Address:	Unit 1, 21 Amour St Revesby 2212 Australia
Telephone No.:	+61 2 9914 8720	Fax No.:	+61 2 9914 8798
Email:	jsgindustrial@jsg.com.au	Website:	www.jsgindustrial.com
Information Department:	Product Safety Department	Date Reviewed:	November 2014

SECTION 2: HAZARDS IDENTIFICATION			
Hazard Classification:	Not classified as dangerous or hazardous for transport	Physical/Chemical Hazards:	Not applicable
		Human Health Hazards:	Harmful if swallowed

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS		
Fire fighting agent concentrate is a proprietary mixture.		
Mixture		
Chemical Identity of Ingredients	Percentage %	CAS Number
Diethylene glycol monobutyl ether	<5	112-34-5
Salt of organic acids	<30	127-08-2
Fluoro surfactant mixture	<8	
Mixture of hydrocarbon surfactants	<10	
Water	Balance	7732-18-5

SECTION 4: FIRST AID MEASURES			
Inhalation:	Move away from radius of action. Seek medical advice if symptoms occur.	Eye Contact:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.
Skin Contact:	Flush contaminated skin with plenty of water. Get medical attention if irritation develops.		
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.		

SECTION 5: FIRE FIGHTING MEASURES			
Suitable Extinguishing Media:	Not applicable	Unusual Fire/Explosion Hazards:	Not explosive
Special Fire-Fighting Procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.		



SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Supply ventilation in enclosed spaces. Avoid eye and skin contact.
Environmental Precautions and Clean Up:	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Handling:	Handle in accordance with good occupational hygiene and safety practices in well ventilated areas. Minimise spills and leaks. Clean up spills and leaks immediately using suitable absorbents or rags. Note: Product may be slippery.
Storage:	Store in a cool, dry and ventilated area away from heat sources. Keep air contact to a minimum. Keep away from food and drink. Keep container tightly closed when not in use.
Recommended Use:	Use original container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures:	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
Hygiene Measures:	Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, using lavatory, and at the end of day.
Occupational Exposure Limits:	EH40/96
Personal Protection:	A respirator is not needed under normal and intended conditions of product use, overalls, gloves and splash goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, amber coloured liquid	pH:	6.6 to 8.5
Boiling Point:	100°C	Freezing Point:	-40°C
Specific Gravity (H2O = 1):	1.01 to 1.25	Viscosity:	<10 Centipoise at 20°C
Vapor Pressure:	Not determined	Vapour Density:	1
Solubility in Water:	100%	Flash Point:	N/A
Auto Ignition:	N/A		

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under recommended conditions of storage.	Incompatible Materials:	Exposure to metals may cause corrosion consistent with exposure to water. Avoid electrically energised equipment.
Conditions to Avoid:	Avoid shock, friction, heavy impact, heat, sparks, open flames and other heat sources.		

SECTION 11: TOXICOLOGICAL INFORMATION

Eye Contact:	May cause mild to moderate transient irritation.	Inhalation:	Not an expected route of entry.
Skin Contact:	May cause mild transient irritation and/or dermatitis.	Ingestion:	Irritating to mucous membranes. A large ingestion could produce narcosis.



SECTION 12: ECOLOGICAL INFORMATION			
Persistence and Degradability:	Biodegradable	Bio Accumulative Potential:	Is unlikely to occur due to metabolism and excretion

SECTION 13: DISPOSAL CONSIDERATIONS	
Disposal Methods and Containers:	The product can be successfully treated in biological waste watersystem with proper dilution. Check with the local authority having jurisdiction before using sewers for disposal which may or may not be acceptable. Do not rinse spilled agent into the environment or storm water drains as this will have a contaminating effect on the environment.

SECTION 14: TRANSPORT INFORMATION			
UN Number:	N/A	Class and Subsidiary Risk:	None - Not a dangerous good
Special Precautions for User:	None	UN Proper Shipping Name:	Fire Fighting Agent Concentrate
Packing Group:	N/A	Hazchem Code:	Not hazardous

SECTION 15: REGULATORY INFORMATION			
Hazard Symbol:	None	Classification:	N/A
Risk Phrase(s):	R36 – Irritating to eyes	Product Use:	Classification and labeling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments and the intended use.
Safety Phrase(s):	S24/25 – Avoid contact with skin and eyes.		

SECTION 16: OTHER INFORMATION			
General:	This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product featured and shall not establish a legally valid contractual relationship.	Contact:	Customer Support +61 2 9914 8720
Department Issuing Data Specification Sheet:	Product Safety Department		