

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	AQUASHIELD LIQUID CRYSTAL PRO 9H
SUPPLIER	AQUASHIELD SRL
LOCATION	5, Gheorghe Doja street, 410163, Oradea, Romania
INFO CONTACT	0040 729 278 276
INFO CONTACT	orders@aquashield.eu
EMERGENCY CONTACT	0040 773 964 655

SECTION 2. COMPOSITION

Silicone Fluid

SINGLE OR MIXTURE:	Mixture
CHEMICAL IDENTIFICATION:	Dimethylpolysiloxane
HAZARDOUS COMPONENT(S)/ (CAS No.):	No hazardous materials present

SECTION 3. HAZARD IDENTIFICATION

HAZARDS CLASSIFICATION:	None (based on IMO)
FIRE AND EXPLOSION:	Not considered flammable nor combustible, but will burn if involved in a fire.
POTENTIAL HEALTH EFFECT:	

INHALATION;	Most irritating to the respiratory tract. Highly toxic by aerosol inhalation.
SKIN contact;	May cause slight skin irritation, but no significant effect.
EYES contact;	May cause slight eyes irritation.
INGESTION;	Estimated to be low-harmful.

SECTION 4. FIRST AID MEASURES

Eye Contact	Immediately flush with water for at least 15 minutes.
Skin Contact	Remove product from skin with dry cloth or towel, and wash exposed area with detergent
Inhalation	Remove to fresh air and prompt call a physician
Ingestion	Wash out mouth with water provided person is conscious. Never give anything by mouth to an unconscious person. Call a physician immediately

SECTION 5. FIRE FIGHTING MEASURES

Flashpoint	Not applicable
Flammable Limits	Not applicable
Extinguishing Media	Foam, dry chemical or carbon dioxide
Special hazards arising from substance or mixture	None
Advice for fire-fighters	None
Additional Advice	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Large Spill and Leak Small quantities can be mopped or wiped up with rags.

SECTION 7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Do not inhale mist
Storage	Keep container closed when not in use. Store in a cool place. Keep away from heat and flame. Do not lay the container on its side. Store in a well ventilated, cool and dry store room. Avoid long time exposure to direct sunlight.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters: Occupational Exposure Limits

Exposure Guidelines	ACGIH TLV-TWA: Not established, OSHA PEL: Not established
Respiratory protection	See SECTION 11 of this MSDS for OTHER INFORMATION
Local Exhaust	See SECTION 11 of this MSDS for OTHER INFORMATION
Mechanical	See SECTION 11 of this MSDS for OTHER INFORMATION
Protective Gloves	Plastic film or rubber gloves
Eye Protection	Safety glasses
Other protective equipment	Eyewash equipment
Practices	Do not breathe mist. Wash hands after handling

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Light yellow, transparent	Odor	Slight odor
Physical state	Liquid	Vapor density	Not applicable
Boiling Point	Not applicable	Melting point	Not applicable
Vapor pressure	Negligible (25 degrees C)	Flash point	Not applicable
Specific gravity	0.980 (25 degrees C)	Solubility in water	Not soluble
Evaporation rate	Negligible (Butyl Acetate=1)		

SECTION 10. STABILITY AND REACTIVITY

Stability and Reactivity	Stable under recommended storage conditions
Conditions to avoid	High temperature and heating
Incompatibility with	Strong oxidizing materials
Hazardous decomposition	Thermal breakdown of this product during fire or very high heat condition may evolve the following hazardous decomposition product: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde

SECTION 11. TOXICOLOGICAL INFORMATION

Skin	Essentially non-irritating to skin
Eyes	May cause transitional slight eyes irritation



Acute toxicology (LD50)	LD50 (Oral/ Rat): >5g/kg (estimated by similar dimethylpolysiloxane)
Acute Toxicity	
Sub-acute Toxicity	No evidence of sub-acute toxicity in rats or mice
Chronic Toxicity	No significant effects were observed.
Carcinogenicity	NTP: Not listed, IARC: Not listed, OSHA REGULATED: Not listed. No evidence of carcinogenicity in laboratory animals
Sensitization	No evidence of sensitization

SECTION 12. ECOLOGICAL INFORMATION

Eco-toxicity	Not available
Persistence Potential	Not available
Products of Biodegradation	None

SECTION 13. DISPOSAL CONSIDERATIONS

Can be burned in a chemical incinerator equipped with an afterburner and scrubber.
Do not dispose the emptied container unlawfully.
Observe all federal, state, and local laws.

SECTION 14. TRANSPORT INFORMATION

IMO Information		DOT Information	
UN No.:	none	ID No.(49CFR 172.101)	none
Classification and class	none	Hazard Class (49CFR 172.101)	none
Packaging group	none	Packaging class (49CFR 172.101)	none
Proper shipping name	none	Proper shipping name (49CFR 172.101)	none
Technical shipping name	none	Technical shipping name	none
Marine pollutant	none	DOT Reportable Quantity (RQ)	none
		Hazard substance(s) name	none

SECTION 15. REGULATORY INFORMATION

U.S. Regulations	US INVENTORY (TSCA): Listed on inventory.
Other Regulations	This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the emergency planning and community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for the material.
California proposition 65	The toxic chemical(s) contained in this product are: None This regulation requires a warning for California Proposition 65 Chemical(s) under the stature. The California Proposition 65 Chemical(s) contained in this product are: None
European Inventory	Listed on the EINECS
Labelling according to EC regulations	SYMBOL: Not required R-PHRASE: Not required

AQUA



SHIELD

**MANUFACTURER
SAFETY DATA SHEET
[2016]
AQUASHIELD S.R.L.**

S-PHRASE: Not required
CONTAINS: None

SECTION 16. DISCLAIMER

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