

SAFETY DATA SHEET

Revision date 2005-07-19
MSDS no:

..Marifix Lock Master T70 Permanent boltarrest

1.IDENTIFICATION OF THE PRODUCT AND COMPANY

Product name ..Marifix Lock Master T70 Permanent boltarrest
Company MARIFIX SYSTEM AB
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2. HAZARD IDENTIFICATION

IRRITATES EYES AND SKIN. IRRITATING TO RESPIRATORY SYSTEM. MAY CAUSE SENSITIZATION BY SKIN CONTACT.

3. COMPOSITION

Ingredients	Conc. %	CAS-no	EC-no	CH CF CE Cl	R-Phrases
Hydroxypropyl methacrylate mixture of	2,5-10	923-26-2		Xi	36/38
Cumene hydroperoxide	1-3	80-15-9		C O	7-20/22-34
Acrylic acid	0,5-2,5	79-10-7		C	10-34
Dimetyltoluidin	0,10-0,9	99-97-8	202-805-4	T	23/24/25-33-52/53
Acetylphenylhydrazine	0,10-0,9	114-83-0	204-055-3	Xi	36/37/38 43
Cumene	0,1-0,5	98-82-8		Xi	10-37

Explanation CF/CH/CE=Classification fire/-health/-environment, Tx=Very Toxic, T=Toxic, C=Corrosive, Xn=Harmful, Xi=Irritating, IK=No classification required, E=Explosive, O=Oxidizing, Fx=Extremely flammable ,F=Highly flammable, N=Dangerous for the environment, M=Genotoxic, A=Sensitization, K=Cancerogen, R=Causes birth defects.

4. FIRST AID MEASURES

Inhalation Fresh air, warmth and rest. If breathing stops, perform artificial respiration. Seek medical attention if breathing is difficult.
Skin contact Remove contaminated clothes and shoes. Wash skin with soap and water. In the event of continued skin irritation, seek medical attention.
Eye contact Flush eyes for a long time with plenty of water; Seek medical attention if pain persists.
Ingestion DO NOT induce vomiting. Drink plenty of water. Go immediately to hospital.

5. PROTECTION AGAINST FIRE AND EXPLOSION

Extinguishing media Foam, CO2.

Additional Residual deposit: Carbon monoxide, and track of not analyzing hydrocarbon.**information**

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6. PROCEDURE IN CASE OF ACCIDENTAL RELEASE

Personal precautions	Use specified safety equipment.
Environmental precautions	Must be prevented from entering the drains.
Methods for cleaning up	Large quantities soaked up with volcanic ash, earth, sand, kiselguhr or other suitable material and collected.
Additional information	Clean with water.

7. HANDLING AND STORAGE

Handling	Ensure good ventilation. Avoid contact with eyes, skin and clothes. Provide good ventilation when working.
Storage	Keep in a dry and well-ventilated place, away from sources of heat and direct sunlight. Keep at a temperature not below +5°C. Keep in original packaging.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

TLVs

Exposure control	Emergency showers and eyewash facilities must be available at the work place.
Respiration protection	In small rooms or emergency situations use a mask with an A2/P3 filter.
Eye protection	Use approved eye protection.
Hand protection	If there is risk of direct contact or splashing, protective gloves must be worn.
Skin protection	Use protective clothing as necessary.
Additional information	.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Liquid	Odour	Sweet
Colour	Blue	Solubility	
Specific gravity	1100kg/m ³ at 25°C	Flash point	>150°C
Explosion limits		pH - conc.	3-5
Solubility water	Low	Mol mass	
Vapour pressure	~0,1mm Hg vid 20°C	Viscosity	~500cPs
Additional information	Low flammability.		

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10. STABILITY AND REACTIVITY

Stability	Avoid sunlight and high temperature. Anaerob miljö.
Reactivity	Polymerization to catalyse in presence of free radicals and its precursors peroxides, radiation, strong bases, oxidizing agent,, mineralacids and transition metals.
Hazardous decomposition products	See section 5.

11. TOXICOLOGICAL INFORMATION

Inhalation	High concentrations can cause irritation of the nasal passages and respiratory tract.
Skin contact	Skin contact can cause irritation. Frequent exposure may lead to extreme sensitivity and allergic reactions.
Eye contact	Irritates the eyes upon contact.
Ingestion	Ingestion of larger quantities can cause stomach pains.

12. ECOLOGICAL INFORMATION

Additional information	In the way product like this are used, the product is not considered to have any effect of the environment.
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13. DISPOSAL CONSIDERATIONS

General	.
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14. TRANSPORT INFORMATION

Additional information	Not dangerous goods with regards to transport regulations.
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IMDG	Class	EmS	
	Subsidiary risks	Flash point	>150°C
	Limited Quantities		
	Proper shipping name		

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15. REGULATORY INFORMATION



OAR-group
OAR-figure

R-phrases R-36/37/38 Irritates eyes, respiratory tract and skin.
R-43 May cause sensitization by skin contact.
S-phrases S-24/25 Avoid contact with skin and eyes.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37 Wear suitable gloves.

16. OTHER INFORMATION

Relevant risk phrases R-7 May cause fire.
R-10 Flammable.
R-20/22 Harmful by inhalation and if swallowed.
R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R-33 Danger of cumulative effects.
R-34 Causes burns.
R-36/37/38 Irritates eyes, respiratory tract and skin.
R-43 May cause sensitization by skin contact.
R-52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Information sources Suppliers MDS.
Additional information .

User notes Version 0.0.0.
Change section: 1-16

Replaces

First released: 2005-07-19