SAFETY DATA SHEET

in accordance with regulation (EC) 1907/2006 REACH & (EU) No. 2015/830

RATING DATE 12/12/2018 - Rev. N° 0 - 00/00/0000

9006/05 VULCAIN in single dose sachets
9006 VULCAIN in jar

1 - IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY/ UNDERTAKING

1.1	**Identification of the product**	Soot chemical destroyer for pipes and flues
	Trade name	9006/05 VULCAIN in single dose sachets 9006 VULCAIN in jar
	Grade	Powder
	Polymer chemical formula	-
	Product code	9006/05 , 9006
1.2	**Identified uses and recommended for the substance or mixture**	
	Recommended use	domestic

1.3	**Details of the supplier of the safety data sheet**	
	Company name	TEXPACK srl unipersonale
	Address	Via Galileo Galilei, 24 25030 Adro (BS)
	Telephone and Fax nr	+39 030740168 - +39 0307480201
	e-mail address	info@texpack.it
1.4	**Emergency Calls**	+ 39 030 7480168

2 – HAZARD IDENTIFICATIONS

2.1 Classification of substance or mixture

This mixture is classified as ***hazardous*** according to current directives

2.1.1 European Regulation (EC) 1272/2008, as mentioned

2.1.2 Classification according to the CLP (Classification Labelling an Packaging, Regulation (EC) No 1272/2008).

Hazard class	Hazard category	H-phrases
Acuted toxicity (oral)	Category 4	H302
Eye irritation	Category 2	H319

2.2 Label elements

2.2.1 Name on the label: Vulcain

2.2.2 Warning: Warning!

2.2.3 Hazard pictograms:

GHS07
Warning
Hazardous ingredients content: Ammonium chloride

2.2.4	Hazard indications: H302 Harmful if swallowed H319 Causes serious eye irritation.
2.2.5	Precautionary advice: P280 - Wear protective glasses, face shield P337 + P313 - If eye irritation persists: consult a doctor
2.3	Other hazards: Results of the PBT and vPvB assessment PBT : not applicable vPvB : not applicable

3 – COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Mixture

Name	**Product identifier**	**%**	**Classification in according to (EC) No. 1272/2008 [CLP]**
Aammonium chloride	(CAS-No.) 12125-02-9 (EC-No.) 235-186-4 (EC Index-No.) 017-014-00-8 (REACH-no) 01-2119487950-27	>30	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
Quartz, respirable powder, (see crystalline silica) substance with a Community workplace exposure limit	(CAS-No.) 14808-60-7 (EC-No.) 238-878-4	0,1 - 1	Not classified

4 – FIRST AID MEASURES

4.1	**Description of first aid measures**	
4.1.1	If inhaled	Bring the subject in a very well ventilated area and for safety consult a doctor
4.1.2	In case of contact with skin	Remove contaminated clothing immediately. Wash immediately with soap and water and rinse thoroughly. In case of persistent skin irritation, consult your doctor
4.1.3	Eye contact	In case of contact with eyes, rinse immediately with running water for several minutes holding the eyelids wide open. Call the doctor immediately.
4.1.4	Ingestion	Do not induce vomiting. Drink plenty of water and stop in a well-ventilated area. Request immediate medical attention.
4.2	**Most important symptoms and effects, acute and delayed**	
4.2.1		No others informations aviable
4.3	**Indication of any need to immediately consult a doctor and special treatments**	
4.3.1		No others informations aviable

5 – FIRE FIGHTING MEASURES

5.1	**Specific hazards**
5.1.1	
	In the event of fire, corrosive and toxic gases from thermal decomposition may be formed, like Carbon monoxide (CO)
5.2	**Extinguishing media**
5.2.1	Water (spray, fog, stream), CO_2, chemicals in powder or foam.
5.3	**Specific methods**
5.3.1	In case of surrounding fire, if possible, remove the containers in a safety place. To do only if in safe conditions (safety distance from the flames and staying upwind)
	In case of impending fire, keep containers cool by spraying with water.
5.4	**Protection of fire-fighters**
5.4.1	Self contained breathing apparatus.
	Full anti-acid clothing.

6 – ACCIDENTAL RELEASE MEASURES

6.1	**Personal precautions**
6.1.1	Ensure sufficient ventilation.
	In case of vapors / dust / areosol, use respiratory protection Wear protective equipment. Remove unmanned persons
6.2	**Environmental precautions**
6.2.2	Dilute with plenty of water. Preventing leaks into sewers / surface water / groundwater
6.3	**Methods for cleaning up**
6.3.1	Sweep and collect the released material, collecting it in a container suitable for reuse or disposal according to current regulations Ensure sufficient ventilation.
6.4	**Reference to other sections**
6.4.1	For information on safe handling, see section 7 For information on personal protective equipment, see section 8 For information on disposal, see section 13

7 – HANDLING & STORAGE

7.1	**Handling**
7.1.1	**Precautions**
	Ensure adequate ventilation
	Avoid the formation of aerosols
	Use only in well-ventilated areas.
	Protect from moisture.
7.1.2	**Security measures**
	Ensure adequate ventilation
7.2	**Conditions for safe storage, including any incompatibilities**
7.2.1	**Storage**
	Store only in the original stems
	Store in cool place
	Keep containers tightly closed
	Store in a cool, dry place in tightly closed drums
	Protect from heat and direct sunlight
	Protect from moisture.
7.2.2	**Packaging**
	Cardboard boxes and plastic containers

8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1	**Control parameters**
8.1.1	Quartz, respirable fraction Belgium limit value (mg/m^3) 1 mg/m^3
8.2.1	**Exposure controls**
	Observe the usual safety precautions when handling chemicals. Avoid eye contact and skin Do not inhale gas / vapors / areosol Keep away from food, drink and fodder Remove contaminated clothing immediately. Wash contaminated clothing before putting it on again Wash your hands before the interval or at the end of the work
8.2.2	**Individual protection measures**
8.2.2.1	**Respiratory protection**

	Normally any protection device for the respiratory system is required. Use mask for solvent type 3M 4251 Use the respirator when performing operations involving potential vapor exposure of the product. Use only respiratory protection conforming to international / national standards.
8.2.2.2	**Hand Protection**
	Rubber gloves resistant to the penetration of chemical agents (EN 374)The selection of suitable gloves does not depend on the material but also on other quality characteristics which vary from one manufacturer to another. As the product represents a formulation of several substances, the stability of the gloves is not calculable in advance and must be tested before use. 'use. Ask the glove supplier for the precise transit time which must be observed
8.2.2.3	**Eye protection**
	Wear safety glasses (Standard EN 166)
8.2.2.4	**Body protection**
	Protective clothing
8.2.2.5	**Hygiene measures**
	When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Handle in accordance with good practice of industrial hygiene and safety practice
8.2.3	**Environmental exposure control**
	Monitor the working environment with environmental analyzes on the concentration of hydrocarbons

9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1	**Information on basic physical and chemical.**	
	Liquid hydrocarbons	
9.1.1	**General information**	
	Appearance	Solid
	Odour	Characteristic
	Colour	Ocher
	olfactory threshold	Not defined
	pH value	4,5 – 5,5
	Boiling point (°C)	Not determined
	Flash point (°C)	Not determined
	Flash (solids,gasses) (°C)	Not determined
	Lower explosive limit	Not applicable
	Upper explosive limit	Not applicable
	Oxidizing properties	No
	Steam pressure / gas pressure(KPa)	Not applicable
	Density (g/ml)	Not determined
	Apparent desity (Kg/m^3)	Not determined
	Solubility in water	Non miscible
	Partition coefficient (n-octanol / water)	Not applicable
	Viscosity	Not applicable
	Density of vapor relative to air	Not determined
	Evaporation speed	Not defined
	Fusion point (°C)	Not determined
	Ignition (°C)	Non-flammable product
	Decomposition point (°C)	Not applicable

10 – STABILITY AND REACTIVITY

10.1	**Reactivity**
10.1.1	They are not to be mixed with oxidizing agents, nitrates and nitrites
10.2	**chemical stability**
10.2.1	Stable at room temperature in the absence of moisture
10.3	**Possibility of hazardous reactions**
10.3.1	No under normal conditions of use
10.4	**Condition to avoid**
10.4.1	Heat and humidity
10.5	**Materials to avoid**
10.5.1	Nitrates, nitrites and strong oxidants
10.6	**Hazardous decomposition products**
10.6.1	Hydrochloric acid, ammonia

11 – TOXICOLOGICAL INFORMATION

11.1 **Information on toxicological effects**
Acute toxicity

Cont.(%)	Substance	Limits
100	Ammonium chloride	LD50, cutaneous, Rat. > 2000 mg/kg bw LD50, oral, Rat; > 1410 mg/kg bw

11.1.1	**Acute oral toxicity ATE CLP**
	1400, 01 mg/kg of body weight
11.1.2	**Acute inhalation toxicity**
	Inhalation may cause injury to the respiratory tract of the lungs
11.2	**Acute inhalation toxicity**
	Not classified
11.3	**Serious eye damage / eye irritation**
	Causes serious eye damage (pH 4,5 -5,5)
11.4	**Sensitisation**
	Based on the available data, the classification criteria are not met
11.5	**Mutagenicity**
	Based on the available data, the classification criteria are not met
11.6	**Carcinogenicity**
	Based on the available data, the classification criteria are not met
11.7	**Toxic for reproduction**
	Based on the available data, the classification criteria are not met
11.8	**Repeated dose toxicity**
	Based on the available data, the classification criteria are not met
11.9	**Other informations**
	The reported toxicological data of the ingredients are intended and belong to the medical professions, specialists in the field of safety and health protection in the workplace and toxicologists. The toxicological data reported of the ingredients have been made available by the producers of the raw materials.

12 – ECOLOGICAL INFORMATION

12.1 **Toxicity**

Cont.(%)	Substance	Limits
100	Cloruro di ammonio	LL50 pesci: > 125 mg/l EL50, Daphnia magna: > 40,38 mg/l
	LC50, Fish, Prosopium williamsoni	42,91 mg/l (96 Hours)
	EC50, aquatic invertebrates, Ceriodaphnia dubia	46,27 mg/l (96 Hours)

		EC50, Daphnia magna	98,5 mg/l (48 Hours)
		EC50, algae, Chlorella vulgaris	136,6 mg/l (48 Hours)
		EC50, algae, Chlorella vulgaris	1300 mg/l (5 days)
		EC20, microorganisms, Activated sludge	2700 mg/l (18 days)
		EC10, Fish, Lepomis macrochirus	850 mg/l (0,5 Hours)
		EC10, aquatic invertebrates	4,28 mg/l (30 days)
		LC50, Eisenia foetida	2,52 mg/l (70 days)
			163 mg/Kg (14 days)

12.2	**Persistence and Degradability**
	No data available
12.2.1	**Abiotic degradation**
	No data available
12.2.2	**Biodegradation**
	No data available
12.3	**Biocumul potential**
	No data available
12.4	**Mobility in soil**
	No data available
12.5	**Results of PBT and vPvB**
	Based on information available not considered PBT or vPvB
12.6	**Other adverse effects**
	The toxicological data reported of the ingredients have been made available by the producers of the raw materials. The product is not water-soluble. The product must not be released into the environment in an uncontrolled manner and into drains.

13 – DISPOSAL CONSIDERATIONS

13.1	**Waste treatment**
	Product residues must be disposed of in compliance with the Waste Directive 2008/98 / EC as well as with national and regional regulations. The product has not been assigned any waste code number as per European Waste Catalog (EWC) ì, because only the use provided by the consumer allows its association. The waste code number must be determined within the EU in accordance with the waste disposal company.
13.2	**Packaging treatment**
	Contaminated packaging must be disposed of in the same way as the contained substance. Uncontaminated packaging can be recycled

14 – TRANSPORT INFORMATION

14.1	**Specific hazards**	
	The product is not classified as hazardous in transport ONU number ADR, IMDG,IATA -	
14.2	ONU shipping name - ADR IMDG, IATA -	
14.3	Danger classes related to transport ADR - Label - IMDG, IATA -	
14.4	Packing group: ADR,IMDG,IATA	-
14.5	Danger to the environment Marine pollutant	-
14.6	Special precautions for users	Warning: Corrosive substances
	Kemler number	-
	EMS number	-

	Segregation groups	-
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	-
	Transport/Further directions ADR Limited quantities (LQ) Transport category restriction code in the gallery	-

15 – REGULATORY INFORMATION

15.1	**EC Regulations**	
	The data and information contained in this safety data sheet conform to the Regulations 1907/2006 / CE (REACH) and 1272/2008 / CE (CLP) and to the provisions of the current legislation on classification, packaging and labeling of substances and of dangerous preparations. However, the user is advised to check and comply with specific national, regional and local regulations regarding dangerous activities and environmental protection, which are not the subject of this document. Drafting Safety Data Sheet: Reg. UE n. 830/2015 (amending Reg.EC n.1907 / 2006, Annex II)	
15.2	**Classifications**	
	Hazard class:	Acuted toxicity (oral) Eye irritation
	Classification type:	Category 4 Category 2 H302 H319
15.3	**Labelling**	
	Trade name	9006/05 VULCAIN in single dose sachets 9006 VULCAIN in jar
	Hazard Symbol	
15.4	**Chemical Safety Assessment**	
	No chemical safety assessments have been carried out of the substances contained in this mixture	

16 – OTHER INFORMATIONS

16.1	**Text of hazard "H" referred to under sections 2-3**
	H302 Harmful if swallowed H319 Causes serious eye irritation
16.2	**Text of risk phrases "R" mentioned in section 2-3**
	P280 - Wear protective glasses, face shield P337 + P313 - If eye irritation persists: consult a doctor
16.3	**Other information**
	Safety data sheet according to Regulation (CE) n.1907/2006 and (CE) n.453/ 2010
	Regulation (EC) N.1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation Service, Authorization and Restriction of Chemicals (REACH), establishing a European Agency for chemicals, What Change 1999/45/EC and repealing Regulation (EEC) 793/93 and Council Regulation (EC) n.1488 /94 the Commission, as well as the Directive 76/769/EEC and Commission Directives 93/67/EEC, 93/105 /EC and 2000/21/EC. Regulation (EU) 453/2010 of the Commission of 20 May 2010 amending Regulation (EC) No. 1907/2006 of the European Parliament and the Council. Regulation EEC / EU n ° 453 of 20/05/2010 of the Commission of 20 May 2010 amending Regulation (EC) n.1907 / 2006 of the European Parliament and the Council. Regulation EEC/EU n.1272 of 16/12/2008 "Regulation (EC) n.1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45 / EC, and amending Regulation (EC) N.1907/2006.

The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.