

Safety Data Sheet
According to Regulation(EC)No 1907/2006
20ABC

Version 1.1

Issue date:17/11/2015

Revision date:15/01/2017

SDS Record Number:csss-TCO-010-118662

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: 20ABC
Additional identification: Not available
Identification of the product: See section 3
Index Number: Not available
REACH registration No.: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Extinguishing agents.

1.2.2 Uses advised against:

Not available

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -
Supplier(Manufacturer): YUYAO RUIYANG EXTINGUISHER MEDIUM LTD.
Address: 1#Zhujiang Road,Mazhu Town,Yuyao City,Zhengjiang,China
Contact person(E-mail): Yanghe48@vip.163.com
Telephone: 0086-574-62467055
Fax: 0086-574-62469300

1.4 Emergency telephone Number:

0086-574-62467055

Available outside office hours?

YES

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NO

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Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to REGULATION(EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard codes
N/A	N/A

For full text of H-phrases: see section 2.2.

2.2 Label elements:

Hazard Pictograms: No hazard pictogram is used.
Signal Word(s): No signal word is used.
Hazard Statement: Not applicable.
Precautionary statement: Not applicable.

2.3 Other hazards:

Not available.

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Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration	classification
MAP	01-2119488166-2 9-xxxx	7722-76-1	231-764-5	21.5 ± 1.5 %	Not Classified
MAS	01-2119455044-4 6xxxx	7783-20-2	231-984-1	68 ± 3 %	Not Classified
Chemical Name	Pre-Registration No.	CAS No.	EC No.	Concentration	classifications
Talc ($\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$)	17-2119954134-4 1-0000	14807-96-6	238-877-9	<3 %	Not Classified
Mica	17-2119954135-3 9-0000	12001-26-2	N/A	<4 %	Not Classified
Silicon dioxide (Silica, white powder)	17-2120065432-6 2-0000	7631-86-9	231-545-4	<3 %	Not Classified
Hexamethyldisiloxane	17-2120065440-6 5-0000	107-46-0	203-492-7	<1 %	H225H400H411

Section 4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove from exposure. If irritation persists seek medical attention.

4.1.2 In case of skin contact:

Wash affected area with soap water. If irritation persists seek medical attention.

4.1.3 In case of eyes contact:

Wash with water for a minimum of 15 minutes. If irritation persists seek medical attention.

4.1.4 In case of ingestion:

If patient is conscious, give large amounts of water and induce vomiting. Seek medical help.

4.2 Most important symptoms and effects, both acute and delayed:

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: This preparation is an extinguishing media.

Unsuitable extinguishing media: There are No extinguishing media which must not be used for safety reasons.

5.2 Special hazards arising from the Substance or mixture

Ammonia and/or phosphorous oxides can be evolved at very high temperatures.

5.3 Advice for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained Breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6 Accidental release measures

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6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Prevent skin and eye contact. Evacuate personnel to safe areas. Refer to section 8 of SDS for personal protection details.

6.1.2 For emergency responders: Wear an appropriate NIOSH/MSHA approved respirator if dust is generated.

6.2 Environmental Precautions: Do not allow material to be released to the environment without proper governmental permits.

6.3 Methods for Containment and Cleaning Up: Sweep up and recover for use or place in closed container for disposal, see section 13.

6.4 Reference to other sections: See Section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for information on disposal.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: Care should be taken in handling all chemical substances and preparations.
See incompatibility information in section 10.

7.1.2 Advice on general occupational Hygiene: Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities: No special conditions are needed for safe storage. See incompatibility information in section 10. Store in original container or fire extinguisher. Keep tightly closed until used. There is minimal danger to the environment from a storage release.

7.3 Specific end use(s): The intended or recommended use of this preparation is as a FIRE EXTINGUISHING AGENT.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Talc($\text{Mg}_3\text{H}_2(\text{SiO}_3)_4$)(CAS#14807-96-6): Limit value: 2 mg/m³(Belgium)
Mica(CAS# 12001-26-2): Limit value: 3mg/m³(Belgium)
Silicon dioxide (Silica, white powder)(CAS# 7631-86-9):Workplace Exposure Limit: 4 E mg/m³(Germany TRGS 900)

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls:

8.2.1 Appropriate engineering controls: Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Use safety glasses with side shields or safety goggles.

Hand protection: None normally needed. Use chemical resistant gloves when handling the preparation.

Body protection: No special equipment is needed.

Respiratory protection: Dust mask where dustiness is prevalent, or TLV is exceeded. Use mechanical filter respirator If exposure is prolonged.

Thermal hazards: Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.
According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Powder
Colour:	Blue
Odour:	Odorless
Odour threshold:	Not available
pH:	4.5
Melting point/range (°C):	197 °C (CAS#7722-76-1)
Boiling point/range (°C):	Not available
Flash point (°C):	Not available
Evaporation rate:	Not available
Flammability limit-lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature(°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20 °C):	<0.00147 Pa(CAS# 7722-76-1)
Vapour density:	Not available
Density:	>0.8/g/ml
Bulk density (kg/m ³):	Not available
Water solubility(g/l):	Soluble
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	>197 °C (CAS#7722-76-1)
Viscosity, dynamic(mPa.s):	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

9.2 Other information:

Fat solubility(solvent-oil to be specified)	Not available
etc:	
Surface tension:	Not available
Dissociation constant in water(pKa):	9.25(25 °C)(CAS#7722-76-1)
Oxidation-reduction Potential:	Not available
Specific gravity:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Stable at room temperature in closed containers under normal storage and Handling conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials. Moist storage conditions may lead to the formation of lumps, affect product quality.
10.5 Incompatible materials:	Strong alkalis, magnesium, oxidizers.

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10.6 Hazardous decomposition products: Ammonia and/or phosphorous oxides can be evolved at very high temperatures.

Section 11 Toxicological information

11.1 Information on toxicological effects:

Acute toxicity:

MAP (CAS#7722-76-1)

LD50(Oral, Rat): >2000 mg/kg bw

LD50(Dermal, Rat): >5000 mg/kg bw

LD50(Inhalation, Rat): >5 mg/L air 4h

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Section 12 Ecological information

12.1 Toxicity:

MAP(CAS#7722-76-1)

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	>85.9 mg/L	96h	Fish	OECD 203	N/A	N/A
LC50	1790 mg/L	72h	Daphnia	OECD 202	N/A	N/A
EC50	>97.1 mg/L	72h	Algae	OECD 201	N/A	N/A

12.2 Persistence and degradability: Not available.

12.3 Bioaccumulative potential: Not available.

12.4 Mobility in soil: The product is soluble in water.

12.5 Results of PBT & vPvB assessment: Not available.

12.6 Other adverse effects: Not available.

Section 13 Disposal considerations

13.1 Waste treatment methods: The material should be disposed of by incineration in a chemical in compliance with national and regional requirements.

Section 14 Transport information

	Land transport(ADR/RID)	Sea transport(IMDG)	Air transport(ICA0/IATA)
UN-Number	Not regulated	Not regulated	Not regulated
UN Proper shipping name	Not regulated	Not regulated	Not regulated
Transport hazard Class	Not regulated	Not regulated	Not regulated
Packaging group	Not regulated	Not regulated	Not regulated

Environmental hazards	No	No	No
Special precautions for user	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of Marpol and the IBC Code	Not regulated	Not regulated	Not regulated

Section 15 Regulation information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. use only by technically qualified individuals.

Other National regulations: Not applicable

15.2 Chemical Safety Assessment has been carried out?

YES

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NO

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Section 16 Other information

16.1 Indication of changes:

Version 1.0 Amended by (EU)2015/830

16.2 Training instructions:

Not applicable.

16.3 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

16.4 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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