

## Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law. Issue date: 11/10/2024 Revision date: 11/10/2024 Supersedes: 24/01/2023 Version: 4.0

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture

Trade name : MULTI PURPOSE

Product code : B2:20, PB2:20, X2:20, MTP-8G-FM-XSP4, MTP-8G-FM-XSP5, MTP-8G-FM-SP20, MTP-

8G-FM-SB20, MTP-8G-PP-SP20, CCS1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category : Professional use, Consumer use

Use of the substance/mixture : DETERGENT

1.2.2. Uses advised against

Restrictions on use : Not for Oral Consumption, Not for Direct Application to Food Stuffs

## 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

**PVA HYGIENE** 

UNIT 6 Havyat Business Park Havyat Road BS40 5PA Bristol – United Kingdom

T +44 (0)1934 862 859 sales@pva-hygiene.co.uk

## 1.4. Emergency telephone number

Emergency number : 01934 862859 (Office Hours). For Immediate first aid advice in the UK call 111

This product is registered with NPIS in the UK.

#### **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

## Classification according to GB CLP (SI 2019:720 as amended)

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2 H319

Full text of H- and EUH-statements: see section 16

#### Adverse physicochemical, human health and environmental effects

NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

## 2.2. Label elements

Precautionary statements (GB CLP)

#### Labelling according to GB CLP (SI 2019:720 as amended)

Hazard pictograms (GB CLP) :



GHS07

Signal word (GB CLP) : Warning

Hazard statements (GB CLP) : H315 - Causes skin irritation.

H319 - Causes serious eye irritation.P102 - Keep out of reach of children.

P280 - Wear eye protection, protective clothing.

P280 - Wear eye protection, protective clothing. P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical attention.

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P337+P313 - If eye irritation persists: Get medical attention.

P402 - Store in a dry place.

P501 - Dispose of contents and container to National Regulations..

## 2.3. Other hazards

Other information : NOTE:- In Use Solutions of this Product are NOT CLASSIFIED.

## **SECTION 3: Composition/information on ingredients**

#### 3.1. Substances

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to GB CLP (SI 2019:720 as amended)
SODIUM CARBONATE	CAS-No.: 497-19-8 EC-No.: 207-838-8 REACH-no: 01-2119485498- 19	≥ 30 - < 50	Eye Irrit. 2, H319
β-ALANINE, N-(2-CARBOXYETHYL) N COCO ALKYL DERIVS SODIUM SALT	CAS-No.: 90170-43-7 EC-No.: 290-476-8 REACH-no: 01-2119976233- 35	≥ 20 - < 25	Eye Irrit. 2, H319
SULPHAMIDE ACID, SULPHAMIC ACIC, SULFAMIC ACID.	CAS-No.: 5329-14-6 EC-No.: 226-218-8	≥ 20 – < 25	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Chronic 3, H412
REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE	EC-No.: 932-051-8	≥ 2 - < 3	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	≥ 0.5 – < 1	Skin Corr. 1A, H314

Specific concentration limits:		
Name	Product identifier	Specific concentration limits (%)
SODIUM HYDROXIDE	CAS-No.: 1310-73-2 EC-No.: 215-185-5 UK Index-No.: 011-002-00-6	$(0.5 \le C < 2)$ Skin Irrit. 2; H315 $(0.5 \le C < 2)$ Eye Irrit. 2; H319 $(2 \le C < 5)$ Skin Corr. 1B; H314 $(5 \le C < 100)$ Skin Corr. 1A; H314

Full text of H- and EUH-statements: see section 16

# **SECTION 4: First aid measures**

4.1. Description of first aid measures

First-aid measures general	: If medical advice is needed, have product container or label at hand. For immediate First
	Aid advice in the UK, dial 111. When it is safe to do so, remove the victim immediately from
	the source of exposure. However, consideration should be given as to whether moving the

victim will cause further injury.

First-aid measures after inhalation : Unlikely without deliberate abuse. Move the affected person to the fresh air. If unconscious place in recovery position and seek medical advice.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

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First-aid measures after ingestion

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First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

: Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention. If

unconscious, place in the recovery position and seek medical advice.

#### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Neat product will cause irritation to eyes. Dilute solutions are unclassified, but may cause

Symptoms/effects after inhalation : Unlikely route of exposure, but inhalation of dilute solution droplets may result in a sore

transient irritation. Eye contact should be treated as above.

throat.

Symptoms/effects after skin contact : Causes skin irritation.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : Unlikely route of exposure without deliberate abuse. If sachets are swallowed they may

swell and could block the throat and GI tract. Irritation to the mouth and GI tract could occur, a soapy taste may be reported. Ingestion of diluted solution is unlikely to cause long

term harm, but a soapy taste may be reported.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Rinse with plenty of water. Check for abrasion to the surface of the eye from powder particles.

# **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing agent suitable for surrounding fire.

Unsuitable extinguishing media : Water.

## 5.2. Special hazards arising from the substance or mixture

Fire hazard : The product is not flammable.

Hazardous decomposition products in case of fire : On heating, irritating fumes may be produced.

#### 5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

#### **SECTION 6: Accidental release measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Protective equipment : Wear protective clothing as described in section 8 of this SDS.

Emergency procedures : Avoid contact with skin and eyes. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

## 6.2. Environmental precautions

Normal use solutions can be disposed to sewers and septic tanks. Large scale spillages or uncontrolled discharges into water systems must be reported to the relevant Environment Agency.

## 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Collect and place spillage in suitable containers. Seal the containers and apply labelling to

identify the material and hazards. For disposal see section 13 of this SDS.

Other information : Dispose of via an authorised person/ licensed waste disposal contractor or by other suitable

waste treatment techniques.

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#### 6.4. Reference to other sections

For further information refer to section 13. See sections 2,8,12,13 &14.

## **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Precautions for safe handling : Carefully comply with the instructions for use. Avoid contact with eyes.

Hygiene measures : Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : It is essential that sachets are stored in original packaging in a dry non humid area.

Storage conditions : Store in a dry place. Store in a closed container.

#### 7.3. Specific end use(s)

This product is suitable for use for cleaning hard surfaces such as floors and walls. It is compatible with common materials of construction, but contact with unsealed wood and Perspex type plastics should be avoided. Although normal use solutions are unclassified, use of eye, hand and foot protection is recommended.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

MULTI PURPOSE		
United Kingdom - Occupational Exposure Limits		
Remark	Note general inhalable dust WEL of 10mg/m3 (TWA) and respirable dust WEL of 4mg/m3.	
SODIUM HYDROXIDE (1310-73-2)		
United Kingdom - Occupational Exposure Limits		
Local name	Sodium hydroxide	
WEL TWA (OEL TWA)	≤ 2 mg/m³	
WEL STEL (OEL STEL)	2 mg/m³	
Regulatory reference	UK (HSE EH40/2005 (Fourth edition, 2020) Publication	

#### 8.1.2. Recommended monitoring procedures

Monitoring methods	
Monitoring methods	At recommended use solution concentrations, no monitoring will be required.

## 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

No additional information available

#### 8.1.5. Control banding

No additional information available

#### 8.2. Exposure controls

## 8.2.1. Appropriate engineering controls

## Appropriate engineering controls:

Ensure good ventilation of the work station.

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#### 8.2.2. Personal protection equipment

#### Personal protective equipment:

Gloves. Safety glasses.

#### Personal protective equipment symbol(s):





#### 8.2.2.1. Eye and face protection

#### Eye protection:

Safety glasses. In normal use eye protection is not required. During manufacture and packing operations, eye protection is recommended. Refer to EN166 to select appropriate level of protection.

#### 8.2.2.2. Skin protection

#### Hand protection:

During normal use gloves are not required. During manufacture and packing operations, the use of gloves with a breakthrough time >60 minutes is recommended. Refer to EN374 to select appropriate level of protection. Rubber and PVC gloves are recommended. NOTE:- Use of gloves is a good general hygiene practice.

#### 8.2.2.3. Respiratory protection

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Note:- This would be very unusual in normal use.

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

#### **Environmental exposure controls:**

Avoid large scale release of undiluted material to the environment.

#### Other information:

The PPE indicated in this SDS is not a COSHH assessment. It represents the PPE that should be considered for the neat product at all stages of the products life cycle, including manufacture, packing, distribution, use and disposal. Use solutions are unclassified, but for these we recommend use of gloves as minimum PPE.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state : Solid : Powder. Appearance Colour : Blue. Odour : Fresh. Odour threshold Not available рΗ : 9.5 - 10.5 @ 1%v/v pH solution Not available Melting point Not applicable Freezing point : Not available : Not applicable Boiling point Flash point : Not applicable Relative evaporation rate (butylacetate=1) : Not applicable. : Not applicable Explosive limits Lower explosion limit : Not applicable Upper explosion limit : Not applicable : Not applicable Vapour pressure Vapour pressure at 50°C : Not available Relative vapour density at 20°C : Not applicable Relative density : Not applicable Density : 0.6 - 0.8 g/cm<sup>3</sup>

Solubility : Completely soluble in water.

Partition coefficient n-octanol/water (Log Kow) : Not available Auto-ignition temperature : Not applicable

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Decomposition temperature : Not applicable Viscosity, kinematic : Not applicable

Explosive properties : Product is not explosive

Oxidising properties : Not oxidising.

#### 9.2. Other information

VOC content : Contains no VOCs
Volatility : Non Volatile

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

The product is non-reactive under normal conditions of storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions. Do not mix with other chemicals.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

Store away from moisture in a closed container.

#### 10.5. Incompatible materials

Strong acids. Oxidising agents. Do not mix with Bleach or products containing Sodium Hypochlorite, this could result in dangerous heating of the solution.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: Toxicological information**

## 11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

# $\beta$ -ALANINE, N-(2-CARBOXYETHYL) N COCO ALKYL DERIVS SODIUM SALT (90170-43-7)

LD50 oral rat ≈ 2000 mg/kg

# REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE

LD50 oral rat	≥ 3346 mg/kg bodyweight Animal: rat, Guideline: EPA OTS 798.1175 (Acute Oral Toxicity), 95% CL: 3196 - 3503
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Remarks on results: other:

Skin corrosion/irritation : Causes skin irritation.

pH: 9.5 - 10.5 @ 1%v/v

Serious eye damage/irritation : Causes serious eye irritation.

pH: 9.5 – 10.5 @ 1%v/v

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified

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STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified

#### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

Adverse health effects caused by endocrine

disrupting properties

: Not known to be an endocrine disruptor.

#### 11.2.2. Other information

No additional information available

## **SECTION 12: Ecological information**

#### 12.1. Toxicity

Ecology - general : Normal use solutions of this product are not classified for environmental harm.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

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EC50 - Crustacea [1]	8.8 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	25 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
EC50 72h - Algae [2]	72 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
NOEC (chronic)	1.18 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC chronic fish	0.23 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '72 d'

## 12.2. Persistence and degradability

MULTI PURPOSE		
Persistence and degradability	The Surfactants and Chelants used in this mixture are Biodegradable.	
SULPHAMIDE ACID, SULPHAMIC ACIC, SULF	AMIC ACID. (5329-14-6)	
Persistence and degradability	Rapidly degradable	
β-ALANINE, N-(2-CARBOXYETHYL) N COCO	ALKYL DERIVS SODIUM SALT (90170-43-7)	
Persistence and degradability	Rapidly degradable	
SODIUM CARBONATE (497-19-8)		
Persistence and degradability	Not rapidly degradable	
SODIUM HYDROXIDE (1310-73-2)		
Persistence and degradability	Not rapidly degradable	
REACTION PRODUCT OF BENZENE SULPHONIC ACID, C10-C14 SEC ALKYL DERIVS and BENZENE SULPHONIC ACID 4 METHYL AND SODIUM HYDROXIDE		
Persistence and degradability	Rapidly degradable	

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## 12.3. Bioaccumulative potential

## **MULTI PURPOSE**

Bioaccumulative potential Not expected to Bioaccumulate.

#### 12.4. Mobility in soil

#### **MULTI PURPOSE**

Additional information soluble in water

## 12.5. Results of PBT and vPvB assessment

No additional information available

## 12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties

: To the best of our knowledge this formulation is not an Endocrine Disruptor.

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Sewage disposal recommendations

: Small volumes of use solution can be disposed of to sewage drains.

## **SECTION 14: Transport information**

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shippin	g name			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Transport document descr	iption			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard o	14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information	on available			

#### 14.6. Special precautions for user

#### Overland transport

Not applicable

## Transport by sea

Not applicable

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#### Air transport

Not applicable

#### Inland waterway transport

Not applicable

#### Rail transport

Not applicable

## 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## **SECTION 15: Regulatory information**

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

#### 15.1.1. EU-Regulations

#### **UK REACH Annex XVII (Restriction List)**

This product contains no substance(s) listed on UK REACH Annex XVII (Restriction List) equal to or above the level of SDS disclosure

#### **UK REACH Annex XIV (Authorisation List)**

Not applicable.

#### **UK REACH Candidate List (SVHC)**

Contains no substance(s) listed on the UK REACH Candidate List

#### **GB PIC regulation (Prior Informed Conset)**

Not applicable.

## **POP Regulation (Persistent Organic Pollutants)**

Not applicable.

#### Ozone Regulation (S.I. No. 168 of 2015)

Not applicable.

## **Control of Poisons and Explosives Precursors Act**

Not applicable.

#### **Drug Precursors Regulation (273/2004)**

This product contains no substance(s) listed on the GB Drug Precursors List equal to or above the level of SDS disclosure

## 15.1.2. Other information

VOC content : Contains no VOCs

British National Regulations : GB REACH and CLP regulations.

#### 15.2. Chemical safety assessment

No additional information available

## **SECTION 16: Other information**

## Indication of changes (UK):

No changes to classification. Now quotes GB rather than EU regulation.

Abbreviations and acronyms:	
ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate

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Abbreviations and ac	cronyms:
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Other information

: This mixture is not covered by UK Offensive Weapons or Explosive Precursor and Poisons legislation.

Full text of H- and EUH-statements:	
Aquatic Chronic 3 Hazardous to the aquatic environment – Chronic Hazard, Category 3	
Eye Dam. 1 Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2 Serious eye damage/eye irritation, Category 2	

# Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006, as retained and amended in UK law.

Full text of H- and EUH-statements:	
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2

Safety Data Sheet (SDS), UK

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.