

SAFETY DATA SHEET

White Spot

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

1.1. Product identifier

Trade name

White Spot

Product no.

021412X5

Unique formula identifier (UFI)

3MG0-F09R-M00J-F2EP

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

Relevant identified uses of the substance or mixture

Cleaning product

Restricted to professional users.

Product code (A.I.S.E.)

AISE-P201 / Dishwash product. Manual process.

Use descriptors (REACH)

Product category	Description
PC 35	Washing and Cleaning Products (including solvent based products)

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Cleenol Group Ltd.

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OX16 1RB

United Kingdom

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www.cleenol.com

E-mail

technical.enquiries@cleenol.co.uk

Revision

07/11/2023

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.

Eye Irrit. 2; H319, Causes serious eye irritation.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)

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Signal word

Warning

Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye irritation. (H319)

Harmful to aquatic life with long lasting effects. (H412)

Precautionary statement(s)

General

-

Prevention

Wash hands thoroughly after handling. (P264)

Avoid release to the environment. (P273)

Wear eye protection/protective gloves. (P280)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

If eye irritation persists: Get medical advice/attention. (P337+P313)

Storage

-

Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Additional labelling

UFI: 3MG0-F09R-M00J-F2EP

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine	CAS No.: 121617-08-1 EC No.: 695-726-3 UK-REACH: Index No.:	15-25%	Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	CAS No.: 68439-57-6 EC No.: 931-534-0 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318	[19]
Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)	CAS No.: 68155-07-7 EC No.: 931-329-6 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	[19]

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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Carbon oxides (CO / CO₂)

Some metal oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage temperature

6 - 40°C

Dry, cool and well ventilated

Incompatible materials

No specific requirements

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	56.2 µg/cm ²
Long term – Local effects - Workers	Dermal	93.6 µg/cm ²
Long term – Systemic effects - General population	Dermal	89.3 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	750 µg/kgbw/day
Long term – Systemic effects - General population	Inhalation	2.03 mg/m ³
Long term – Systemic effects - Workers	Inhalation	11.5 mg/m ³
Long term – Systemic effects - General population	Oral	1.17 mg/kg bw/day

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.2 mg/kg bw/day

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Long term – Systemic effects - Workers	Dermal	5.29 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.01 mg/m ³
Long term – Systemic effects - Workers	Inhalation	4.1 mg/m ³
Long term – Systemic effects - General population	Oral	580 µg/kgbw/day
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1295 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2158.33 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	45.04 mg/m ³
Long term – Systemic effects - Workers	Inhalation	152.22 mg/m ³
Long term – Systemic effects - General population	Oral	12.95 mg/kg bw/day

PNEC

Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		7 µg/L
Freshwater sediment		230 µg/kg
Intermittent release (freshwater)		24 µg/L
Intermittent release (marine water)		2.4 µg/L
Marine water		700 ng/L
Marine water sediment		23 µg/kg
Sewage treatment plant		830 mg/L
Soil		32 mg/kg

Benzenesulfonic acid, 4-C10-13-sec-alkyl derivs., compds. with triethanolamine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		268 µg/L
Freshwater sediment		8.1 mg/kg
Intermittent release (freshwater)		268 µg/L
Marine water		26.8 µg/L
Marine water sediment		8.1 mg/kg
Sewage treatment plant		7 mg/L
Soil		35 mg/kg

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		24 µg/L
Freshwater sediment		767 µg/kg
Intermittent release (freshwater)		19.7 µg/L
Marine water		2.4 µg/L
Marine water sediment		76.7 µg/kg
Sewage treatment plant		4 mg/L
Soil		1.21 mg/kg

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

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Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Wash contaminated clothing before reuse.

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			

Skin protection

Recommended	Type/Category	Standards
No specific requirements.	-	-

Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
In the event of prolonged exposure or high concentrations	Gloves	-	> 360	EN374



Eye protection

Work situation	Type	Standards
In the event of prolonged exposure or high concentrations	Safety glasses	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Yellow

Odour / Odour threshold

Lemon like

pH

6 - 9

Density (g/cm³)

-

Relative density

1.02 (20 °C)

Kinematic viscosity

Testing not relevant or not possible due to the nature of the product.

Dynamic viscosity

300 - 700 poise cm³/g (20 °C)

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

Testing not relevant or not possible due to the nature of the product.

Flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

No specific requirements

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 8 – Corrosive

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

HP 14 – Ecotoxic

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004

15% - 30%

· Anionic surfactants

< 5%

· Non-ionic surfactants

· Perfumes

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

- H314, Causes severe skin burns and eye damage.
- H315, Causes skin irritation.
- H318, Causes serious eye damage.
- H411, Toxic to aquatic life with long lasting effects.
- H412, Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

- PC 35 = Washing and Cleaning Products (including solvent based products)

Abbreviations and acronyms

- ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
- ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
- ATE = Acute Toxicity Estimate
- BCF = Bioconcentration Factor
- CAS = Chemical Abstracts Service
- CE = Conformité Européenne (European conformity)
- CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
- CSA = Chemical Safety Assessment
- CSR = Chemical Safety Report
- DMEL = Derived Minimal Effect Level
- DNEL = Derived No Effect Level
- EINECS = European Inventory of Existing Commercial chemical Substances
- ES = Exposure Scenario
- EUH statement = CLP-specific Hazard statement
- EuPCS = European Product Categorisation System
- EWC = European Waste Catalogue
- GHS = Globally Harmonized System of Classification and Labelling of Chemicals
- IARC = International Agency for Research on Cancer (IARC)
- IATA = International Air Transport Association
- IBC = Intermediate Bulk Container
- IMDG = International Maritime Dangerous Goods
- LogPow = logarithm of the octanol/water partition coefficient
- MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
- OECD = Organisation for Economic Co-operation and Development
- PBT = Persistent, Bioaccumulative and Toxic
- PNEC = Predicted No Effect Concentration
- RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
- RRN = REACH Registration Number
- SCL = A specific concentration limit
- SVHC = Substances of Very High Concern
- STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
- STOT-SE = Specific Target Organ Toxicity - Single Exposure
- TWA = Time weighted average
- UN = United Nations
- UVBC = Unknown or variable composition, complex reaction products or of biological materials
- VOC = Volatile Organic Compound
- vPvB = Very Persistent and Very Bioaccumulative

Additional information

- The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.
- The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

- Regulatory Chemist

Other

- A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.
- The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not

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necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en