Revision date: 04/08/2021 Revision: 16 Supersedes date: 08/03/2021

# CLEENOL For a cleaner, safer world

# SAFETY DATA SHEET OSMOS DISHWASHER RINSE AID

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

1.1. Product identifier

**Product name** OSMOS DISHWASHER RINSE AID

Internal identification OSM-DRA-2X5, OSM-DRA-10, OSM-DRA-20

Container size 2x5L, 10L, 20L

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

Identified uses Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier Cleenol Group Ltd

> Neville House Beaumont Road

Banbury

Oxon OX16 1RB

UK

Tel: +44 (0)1295 251721 sales@cleenol.co.uk

1.4. Emergency telephone number

**Emergency telephone** In case of a medical emergency following exposure to a chemical, call NHS Direct via 111

(UK only).

# SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards Not Classified Health hazards Not Classified Not Classified **Environmental hazards** 

2.2. Label elements

**Hazard statements** NC Not Classified

Contains BRONOPOL (INN) **Detergent labelling** 

2.3. Other hazards

#### OSMOS DISHWASHER RINSE AID

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

#### 3.2. Mixtures

ALCOHOLS, C9-11, C10-rich, ETHOXYLATED

1-5%

**PROPOXYLATED** 

CAS number: 154518-36-2

Classification

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

The full text for all hazard statements is displayed in Section 16.

#### **SECTION 4: First aid measures**

# 4.1. Description of first aid measures

**Inhalation** Unlikely route of exposure as the product does not contain volatile substances.

Ingestion Give a few small glasses of water or milk to drink. Get medical attention if a large quantity has

been ingested.

**Skin contact** Wash with plenty of water. Get medical attention if any discomfort continues.

Eye contact Rinse cautiously with water for several minutes. Remove any contact lenses and open eyelids

wide apart. Continue to rinse. Get medical attention if any discomfort continues.

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

**Inhalation** Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at

ambient temperature.

**Ingestion** No specific symptoms known. May cause discomfort.

Skin contact Skin irritation should not occur when used as recommended. Prolonged and frequent contact

may cause redness and irritation.

**Eye contact** May cause eye irritation.

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

Notes for the doctor No specific recommendations.

**Specific treatments** Treat symptomatically.

#### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

# 5.2. Special hazards arising from the substance or mixture

Specific hazards None known.

#### 5.3. Advice for firefighters

Special protective equipment

Use protective equipment appropriate for surrounding materials. Firefighter's clothing will

for firefighters provide a basic level of protection for chemical incidents.

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#### SECTION 6: Accidental release measures

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

Personal precautions Avoid contact with eyes and prolonged skin contact. Take care as floors and other surfaces

may become slippery. Do not touch or walk into spilled material.

#### 6.2. Environmental precautions

**Environmental precautions** Not regarded as dangerous for the environment.

# 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste

disposal containers and seal securely. Flush contaminated area with plenty of water.

#### 6.4. Reference to other sections

**Reference to other sections** For waste disposal, see Section 13.

# SECTION 7: Handling and storage

# 7.1. Precautions for safe handling

**Usage precautions** Avoid contact with skin and eyes. Avoid spilling.

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

Storage precautions Keep only in the original container in a cool, well-ventilated place. Store at temperatures

between 0°C and 40°C.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

# SECTION 8: Exposure controls/Personal protection

# 8.1. Control parameters

#### Occupational exposure limits

#### **ETHANOL**

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): WEL

WEL = Workplace Exposure Limit.

# 8.2. Exposure controls

#### Protective equipment





# Appropriate engineering

controls

Not applicable.

**Eye/face protection** Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible. Personal protective equipment that provides appropriate eye and face

protection should be worn.

Hand protection No specific requirements are anticipated under normal conditions of use. For users with

sensitive skin, it is recommended that suitable protective gloves are worn. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist

degradation.

**Hygiene measures** Wash hands thoroughly after handling.

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**Respiratory protection** No specific requirements are anticipated under normal conditions of use.

#### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Appearance Clear liquid.

Colour Blue.

Odour Odourless.

pH (concentrated solution): 6 - 9

Initial boiling point and range 100°C

Flash point Not applicable.

Relative density ~ 1.001

Solubility(ies) Soluble in water.

**Decomposition Temperature** Not determined.

**Explosive properties** Not applicable.

Oxidising properties Does not meet the criteria for classification as oxidising.

9.2. Other information

Refractive index 3 - 5

Volatile organic compound This product contains a maximum VOC content of <0.1 %.

# SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity**No test data specifically related to reactivity available for this product or its ingredients.

10.2. Chemical stability

**Stability** Stable at normal ambient temperatures.

# 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

None known. Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

**Conditions to avoid**No specific requirements are anticipated under normal conditions of use.

10.5. Incompatible materials

Materials to avoid

No specific material or group of materials is likely to react with the product to produce a

hazardous situation.

# 10.6. Hazardous decomposition products

Hazardous decomposition 
No known hazardous decomposition products. Does not decompose when used and stored

**products** as recommended.

# SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

**Toxicological effects** Information given is based on data of the components and of similar products.

#### Acute toxicity - inhalation

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ATE inhalation (dusts/mists

mg/l)

588.0

**Inhalation** The product is considered to be a low hazard under normal conditions of use.

**Ingestion** May be harmful if swallowed.

**Skin contact** No adverse effects known.

**Eye contact** May be slightly irritating to eyes.

#### SECTION 12: Ecological information

**Ecotoxicity** No negative effects on the aquatic environment are known.

12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

# 12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential No potential for bioaccumulation.

12.4. Mobility in soil

**Mobility** The product is soluble in water.

#### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

assessment

This product does not contain any substances classified as PBT or vPvB.

# 12.6. Other adverse effects

Other adverse effects None known.

# SECTION 13: Disposal considerations

# 13.1. Waste treatment methods

General information Care should be taken when handling emptied containers that have not been thoroughly

cleaned or rinsed out.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority. Following dilution, discharge to the sewer with plenty of water

may be permitted.

# SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods

(IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

# 14.2. UN proper shipping name

Not applicable.

# 14.3. Transport hazard class(es)

No transport warning sign required.

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# 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

Not applicable.

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

**Transport in bulk according to** Not applicable. **Annex II of MARPOL 73/78** 

and the IBC Code

# SECTION 15: Regulatory information

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

National regulations The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)

(Amendment etc.) (EU Exit) Regulations 2019 (as amended).

# 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

# **SECTION 16: Other information**

**Issued by** Regulatory Chemist

Revision date 04/08/2021

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SDS number 20304

Hazard statements in full H315 Causes skin irritation.

H319 Causes serious eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.