SAFETY DATA SHEET

In accordance with 1907/2006 annex II and 1272/2008
(All references to EU regulations and directives are abbreviated into only the numeric term)
Issued 2025-07-11
Version number 1.0

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

1.1. Product identifier

Trade name	YUGOU SPRAY IT DOWN Dish Spray
Article number	11050
UFI:	Q97V-T6AD-Y00V-72NN

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

Identified uses	Dishwasher detergent

1.3. Details of the supplier of the safety data sheet

Company	Retailbros AB Lillsjövägen 7 136 50 Jordbro Sweden
Telephone	08-411 00 02
E-mail	hello@retailbros.se
Website	www.retailbros.se

1.4. Emergency telephone number

Phone number for emergencies: 999 or 112. The numbers are available 24/7.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Irrit. 2, H315
Skin. Sens. 1, H317
Eye Dam. 1, H318
(See section 16)

2.2. Label elements

Hazard pictogram

Signal word	Danger
Hazard statements	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
Precautionary statements	
P101	If medical advice is needed, have product container or label at hand
P102	Keep out of reach of children
P261	Avoid breathing gas, mist, vapours, or spray
P280	Wear protective gloves and eye protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310	Immediately call a POISON CENTER
P333+P313	If skin irritation or rash occurs: Get medical advice/attention
P501	Dispose of contents and container to authorised waste disposal facility

Supplemental hazard information

Contains: ALCOHOLS, C12-16, ETHOXYLATED, N,N-BIS(HYDROXYETHYL)-COCO AMIDES, D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC, 1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL) -N, N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS, ORANGE TERPENES

2.3. Other hazards

This product does not contain any substances that are assessed to be a PBT or a vPvB

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Note that the table shows known hazards of the ingredients in pure form. These hazards are reduced or eliminated when mixed or diluted, see Section 16d.

Constituent	Classification	Concentration
SODIUM LAURYL ETHER SULFATE		
CAS No: 9004-82-4	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H302, H315, H319	10 - 15 %
ALCOHOLS, C12-16, ETHOXYLATED		
CAS No: 68551-12-2 EC No: 500-221-7	Skin Irrit. 2, Eye Dam. 1, Aquatic Acute 1; H315, H318, H400	<3 %
N,N-BIS(HYDROXYETHYL)-COCO AMIDES		
CAS No: 68603-42-9 EC No: 271-657-0	Skin Irrit. 2, Eye Dam. 1; H315, H318	<3 %
D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC		
CAS No: 110615-47-9 EC No: 600-975-8 REACH: 01-2119489418-23	Skin Irrit. 2, Eye Dam. 1; H315, H318	<3 %
2-METHYLPENTANE-2,4-DIOL		
CAS No: 107-41-5 EC No: 203-489-0 Index No: 603-053-00-3	Skin Irrit. 2, Eye Irrit. 2; H315, H319	<3 %

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL) -N, N-DIMETHYL-, N-COCO ACYL DERIVS., HYDROXIDES, INNER SALTS		
CAS No: 61789-40-0 EC No: 263-058-8	Skin Irrit. 2, Eye Irrit. 2, Skin. Sens. 1, Aquatic Chronic 3; H315, H319, H317, H412	<3 %
ORANGE TERPENES		
CAS No: 8028-48-6	Flam. Liq. 3, Skin Irrit. 2, Skin. Sens. 1, Asp. tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226, H315, H317, H304, H400, H410	<0.25 %

Explanations to the classification and labelling of the ingredients are given in Section 16e. Official abbreviations are printed in normal font. Text in italics are specifications and/or complements used in the calculation of the classification of this mixture, see Section 16b.
Contents according to 648/2004.
5-<15% Anionic surfactants.
5-<15% Non-ionic surfactants.
<5% Amphoteric surfactants.
Perfumes.

SECTION 4: First aid measures

4.1. Description of first aid measures

Generally

In case of concern, or if symptoms occur, call a doctor/physician.

Upon breathing in

Bring the injured person out into fresh air. Give artificial respiration if breathing has stopped. If breathing is difficult let trained personnel administer oxygen. Let the injured person rest in a warm place with fresh air and seek medical advice immediately.

Upon eye contact

Remove contact lenses immediately if possible.
Rinse immediately with tepid water for 15 - 20 minutes with eyes wide open. Immediately transport the injured person to a hospital.
Important! Also flush during transport to hospital (eye specialist).

Upon skin contact

Remove contaminated clothes.
Wash the skin with soap and water.
If symptoms occur, contact a physician.

Upon ingestion

Rinse mouth out thoroughly first with water, then SPIT OUT the rinse water. Drink at least half a litre of water and seek medical advice. DO NOT INDUCE VOMITING.

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

Upon eye contact

Causes serious eye damage.

Upon skin contact

May cause an allergic skin reaction.
Irritant to skin.

Upon ingestion

May cause irritation of mucous membranes, nausea and vomiting.

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

Symptomatic treatment.
Upon contact with a doctor, make sure to have the label or this safety data sheet with you.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Extinguish with water mist, powder, carbon dioxide or alcoholresistant foam.

5.2. Special hazards arising from the substance or mixture

In case of fire, substances hazardous to health, or substances harmful in other respects, may be dispersed.

5.3. Advice for firefighters

Protective measures to be taken with regard to other materials at the scene of the fire.
In case of fire use proper breathing apparatus.
Wear full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unauthorized and unprotected people at a safe distance.
Avoid inhalation and exposure to skin and eyes.
Ensure good ventilation.
Use recommended safety equipment, see section 8.

6.2. Environmental precautions

Avoid release to drains, soil or watercourses.

6.3. Methods and material for containment and cleaning up

Absorb the liquid with an inert absorbent, vermiculite, for example. Collect the material for disposal at a waste disposal facility.

6.4. Reference to other sections

See section 8 and 13 for personal protection equipment and disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Take the necessary preventive and protective measures for safe handling.
Avoid inhalation and contact with skin and eyes.
Work in order to avoid spillage. If spillage does occur, address it immediately in accordance with the directions specified in Section 6 of this safety data sheet.
Store this product separately from food items and keep it out of the reach of children and pets.
Do not eat, drink or smoke in premises where this product is handled.
Wash your hands after using the product.
Remove contaminated clothing.
Wash contaminated clothing before reuse.
Keep away from incompatible products.
Use recommended safety equipment, see section 8.
Implement appropriate engineering controls if necessary, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored in a manner which prevents hazards to health and the environment. Avoid exposure to humans and animals and do not discharge the product in a sensitive environment.
Take the necessary preventive and protective measures for safe storage.
Keep out of reach for children.
To be stored away from food and animal fodder and away from devices or surfaces that are in contact with those items.
Store tightly, in original packaging.
Always use sealed and visibly labeled packages.
Store in dry and cool area.
Keep away from heat and sunlight.
Store in a well-ventilated space.

7.3. Specific end use(s)

See identified uses in Section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
8.1.1. National limit values
2-METHYLPENTANE-2,4-DIOL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 25 ppm / 123 mg/m^3
Short term exposure limit (STEL) 25 ppm / 123 mg/m^3

GLYCEROL
United Kingdom (EH40/2005)

Time-weighted-average exposure limit (TWA) 10 mg/m^3 (mist)

DNEL
N,N-BIS(HYDROXYETHYL)-COCO AMIDES

	Type of exposure	Route of exposure	Value
Worker	Chronic Systemic	Dermal	4.16 mg/kg bw
Worker	Chronic Local	Dermal	0.09 mg/cm^2

D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC

	Type of exposure	Route of exposure	Value
Consumer	Chronic Systemic	Inhalation	124 mg/m^3
Worker	Chronic Systemic	Dermal	595000 mg/kg bw
Worker	Chronic Systemic	Inhalation	420 mg/m^3
Consumer	Chronic Systemic	Oral	35.7 mg/kg bw
Consumer	Chronic Systemic	Dermal	357000 mg/kg bw

PNEC
N,N-BIS(HYDROXYETHYL)-COCO AMIDES

Environmental protection target	PNEC value
Fresh water	2.4 µg/L
Marine water	0.24 µg/L

D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC

Environmental protection target	PNEC value
Fresh water	0.176 mg/L
Freshwater sediments	1.516 mg/kg dw
Marine water	0.018 mg/L
Marine sediments	0.065 mg/kg dw
Microorganisms in sewage treatment	5000 mg/L
Soil (agricultural)	0.654 mg/kg dw

8.2. Exposure controls

The risks posed by the product or its constituents must be considered in the task specific risk assessment, in accordance with current working environment legislation. The risk assessment should be reviewed regularly and updated if necessary.

8.2.1. Appropriate engineering controls

The ventilation in the workplace must ensure an air quality that meets the requirements of the current working environment legislation. Local exhaust ventilation should be used to remove airborne contaminants at the source. Eye-rinsing facilities shall be available at the workplace.

8.2.2. Individual protection measures, such as personal protective equipment

Eye/face protection

Use protective glasses with tight seals according to standard EN166.

Skin protection

Wear suitable protective clothing when necessary.

Use protective gloves fulfilling the standard EN374 if there is a risk of direct contact.

During continuous contact use gloves with a minimum breakthrough time of at least 240 minutes, preferably over 480 minutes.

The most suitable protective glove should be chosen in consultation with the glove supplier, taking into account the risk assessment for the specific task and the properties of the chemicals involved. Note that the breakthrough time of the material is affected by the duration of the exposure, temperature conditions, abrasion, etcetera.

Based on the chemical properties of the product, the following glove materials are recommended (EN 374):.

– Butyl rubber.

Respiratory protection

Use appropriate respiratory protective equipment in case of insufficient ventilation.

The most appropriate respiratory protective equipment should be decided in consultation with the appointed safety representative, taking into account the risk assessment for the specific task.

Based on the physical and chemical properties of the product, the following filter type(s) and/or filter combination(s) are recommended:.

– A/P2.

8.2.3. Environmental exposure controls

For limiting environmental exposure, see section 12.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(a) Physical state	liquid Form: liquid
(b) Colour	Clear
(c) Odour	aromatic
(d) Melting point/freezing point	Not indicated
(e) Boiling point or initial boiling point and boiling range	Not indicated
(f) Flammability	Not indicated
(g) Lower and upper explosion limit	Not indicated
(h) Flash point	Not indicated
(i) Auto-ignition temperature	Not indicated
(j) Decomposition temperature	Not indicated
(k) pH	When supplied, pH is: 8.5
(l) Kinematic viscosity	Not indicated
(m) Solubility	Solubility in water: Soluble
(n) Partition coefficient n-octanol/water (log value)	Not indicated
(o) Vapour pressure	Not indicated
(p) Density and/or relative density	Not indicated
(q) Relative vapour density	Not indicated
(r) Particle characteristics	Not indicated

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Not indicated

9.2.2. Other safety characteristics

Not indicated

SECTION 10: Stability and reactivity

10.1. Reactivity

No information is available.

10.2. Chemical stability

The product is stable at normal storage and handling conditions.

10.3. Possibility of hazardous reactions

No information is available.

10.4. Conditions to avoid

Protect from moisture.
Protect from heat and direct sunlight.

10.5. Incompatible materials

No information is available.

10.6. Hazardous decomposition products

No information is available.

SECTION 11: Toxicological information

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

Information on possible health hazards are based on experience and / or toxicological properties of several components in the product.

Acute toxicity

The product is not classified as acutely toxic.

N,N-BIS(HYDROXYETHYL)-COCO AMIDES

LD50 rat 24h: > 2 mg/kg Dermally
LD50 rat 24h: > 5000 mg/kg Orally

D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC

LD50 rat 24h: > 2000 mg/kg Orally

2-METHYLPENTANE-2,4-DIOL

LD50 rabbit 24h: > 8000 mg/kg Dermally
LD50 rat 24h: > 2000 mg/kg Dermally
LD50 rat 24h: 3700 mg/kg Orally

Skin corrosion/irritation

Irritant to skin.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

The product is not classified as mutagen.

Carcinogenicity

The product is not classified as carcinogenic.

Reproductive toxicity

The product is not classified as a reproductive toxicant.

STOT-single exposure

The product is not classified for specific organ toxicity after single exposure.

STOT-repeated exposure

The product is not classified for specific organ toxicity after repeated exposure.

Aspiration hazard

The product is not classified as being toxic for aspiration.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

11.2.2. Other information

Not indicated.

SECTION 12: Ecological information

12.1. Toxicity

The product is not to be labelled as a environmental hazard. However, it is not inconceivable that large emissions, or repeated small emissions, can have a harmful effect on the environment.

Prevent release on land, in water and drains.

N,N-BIS(HYDROXYETHYL)-COCO AMIDES

EC50 Algae 72 h: 3.9 mg/l

LC50 Fish 96h: 2.4 mg/l

EC50 Freshwater water flea (Daphnia magna) 48h: 3.2 mg/l

D-GLUCOPYRANOSIDE C10-16 ALKYL OLIGOMERIC

EC50 Freshwater water flea (Daphnia magna) 48 h: 1 - 100 mg/l

LC50 Zebra fish (Brachydanio rerio) 96h: 1 - 10 mg/l

NOEC Freshwater water flea (Daphnia magna) 21d: > 1 mg/l

NOEC Zebra fish (Brachydanio rerio) : > 1 mg/l

2-METHYLPENTANE-2,4-DIOL

LC50 Rainbow trout (Oncorhynchus mykiss) 96h: 9450 mg/L

LC50 Bluegill (Lepomis macrochirus) 96h: 12800 mg/L

EC50 Freshwater water flea (Daphnia magna) 48 h: 5410 mg/L

EC50 Water flea (Daphnia pulex) 48h: 3300 mg/L

IC50 Algae (Selenastrum capricornutum) 72h: > 429 mg/L

12.2. Persistence and degradability

No information is available.

12.3. Bioaccumulative potential

No information is available.

12.4. Mobility in soil

No information is available.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances that are assessed to be a PBT or a vPvB.

12.6. Endocrine disrupting properties

The product does not contain any substances identified as having endocrine disruptive properties in accordance with the criteria set out in (EU) 2017/2100 or (EU) 2018/605.

12.7. Other adverse effects

No information is available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste handling of the product

Avoid discharge into sewers.

Discarded products must be disposed of as hazardous waste in accordance with regulations.

Not completely emptied packaging can contain remnants of dangerous substances and should therefore be handled as hazardous waste according to the above. Completely emptied packaging can be recycled.

See directive 2008/98/EC on waste. Observe national or regional provisions on waste management.

SECTION 14: Transport information

Where not otherwise stated the information applies to all of the UN Model Regulations, i.e. ADR (road), RID (railway), ADN (inland waterways), IMDG (sea), and ICAO (IATA) (air).

14.1. UN number or ID number

Not classified as dangerous goods

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

14.8 Other transport information

Not applicable

SECTION 15: Regulatory information

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

REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents.

15.2. Chemical safety assessment

Assessment and chemical safety report in accordance with 1907/2006 Annex I has not yet been performed.

SECTION 16: Other information

16a. Indication of where changes have been made to the previous version of the safety data sheet
Revisions of this document

This is the first version

16b. Legend to abbreviations and acronyms used in the safety data sheet
Full texts for Hazard Class and Category Code mentioned in section 3

Acute Tox. 4	Acute toxicity (oral), Hazard Category 4 - Acute Tox. 4, H302 - Harmful if swallowed
Skin Irrit. 2	Skin corrosion/irritation, Hazard Category 2 - Skin Irrit. 2, H315 - Causes skin irritation
Eye Irrit. 2	Serious eye damage/eye irritation, Hazard Category 2 - Eye Irrit. 2, H319 - Causes serious eye irritation
Eye Dam. 1	Serious eye damage/eye irritation, Hazard Category 1 - Eye Dam. 1, H318 - Causes serious eye damage
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1 - Aquatic Acute 1, H400 - Very toxic to aquatic life
Skin. Sens. 1	Respiratory or skin sensitisation, Sensitisation — Skin, hazard category 1 - Skin. Sens. 1, H317 - May cause an allergic skin reaction
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3 - Aquatic Chronic 3, H412 - Harmful to aquatic life with long lasting effects
Flam. Liq. 3	Flammable liquids, Hazard Category 3 - Flam. Liq. 3, H226 - Flammable liquid and vapour
Asp. tox. 1	Aspiration hazard, Hazard Category 1 - Asp. tox. 1, H304 - May be fatal if swallowed and enters airways
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1 - Aquatic Chronic 1, H410 - Very toxic to aquatic life with long lasting effects

Explanations of the abbreviations in Section 14

ADR	European Agreement concerning the International Transport of Dangerous Goods by Road
RID	Regulations concerning the International Transport of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods Code

ICAO International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA The International Air Transport Association

16c. Key literature references and sources for data
Sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I , as updated to 2025-07-11.
Where such data was not available, alternative documentation used to establish the official classification was used, e.g. IUCLID (International Uniform Chemical Information Database). As a second alternative, information was used from reputable international chemical industries, and as a third alternative other available information was used, e.g. material safety data sheets from other suppliers or information from non-profit associations, where reliability of the source was assessed by expert opinion. If, in spite of this, reliable information could not be sourced, the hazards were assessed by expert opinions based on the known hazards of similar substances, and according to the principles in 1907/2006 and 1272/2008.

Full texts for Regulations mentioned in this Safety Data Sheet

1907/2006	REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
1272/2008	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006
648/2004	REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents
2008/98/EC	DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives

16d. Methods of evaluating information referred to in 1272/2008 Article 9 which was used for the purpose of classification

Hazard calculation for this mixture has been performed as a cumulative assessment with the aid of expert assessments in accordance with 1272/2008 Annex I , where all available information which may be significant to establishing the hazards of the mixture was assessed together, and in accordance with 1907/2006 Annex XI .

16e. List of relevant hazard statements and/or precautionary statements
Full texts for hazard statements mentioned in section 3

H302 Harmful if swallowed
H315 Causes skin irritation
H319 Causes serious eye irritation
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H317 May cause an allergic skin reaction
H412 Harmful to aquatic life with long lasting effects
H226 Flammable liquid and vapour
H304 May be fatal if swallowed and enters airways
H410 Very toxic to aquatic life with long lasting effects

16f. Advice on any training appropriate for workers to ensure protection of human health and the environment
Warning for misuse

Not indicated.

Other relevant information

Not indicated

Editorial information

This material safety data sheet has been prepared and checked by KemRisk®, KemRisk Sweden AB, Platensgatan 8, SE-582 20 Linköping, Sweden, www.kemrisk.se