



## SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

### **HANDY ANDY DEGREASER SPRAY**

#### 1. Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Product name           HANDY ANDY DEGREASER  
Product code           67414440  
Product description    Kitchen Degreaser Spray Cleaner

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

Industrial uses  
Consumer uses  
Professional uses

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

Unilever South Africa (Pty) Ltd  
15 Nollsworth Crescent  
4051 La Lucia  
SOUTH AFRICA

e-mail address of person           Zama.Duma@unilever.com  
responsible for this SDS

##### 1.4 Emergency telephone number

National advisory body/Poison Center

Telephone number 031 570 2223 / +27 31 570 2223 (Internal emergency control number)

### Supplier

Telephone number Homecare 0860 572 908 Personal Care 0860 572 861

Hours of operation

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Product definition Mixture

#### Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification	Xi, R36/38
Physical/chemical hazards	Not applicable.
Human health hazards	Not applicable.
Environmental hazards	Not applicable.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Hazard symbol or symbols



Risk phrases

R36/38 - Irritating to eyes and skin.

Safety phrases

S2 - Keep out of the reach of children.  
S24 - Avoid contact with skin.

S25- Avoid contact with eyes.

S26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S46- If swallowed, seek medical advice immediately and show this container or label.

S23- Do not breathe spray

Supplemental label elements Not applicable.

#### Special packaging requirements

Containers to be fitted with child-resistant fastenings Not applicable.

Tactile warning of danger Not applicable.

#### 2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII Not applicable.

### 3. Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC		
C9-11 Pareth-8	RRN :	0 - 3	Xi; R41		[1]

	EC: CAS : 68439-46-3 Index:		Xn; R22		
sodium benzenesulfonate C10-13 alkyl derivs.	RRN : 01- 2119489428-22 EC: 270-115-0 CAS : 68411-30-3 Index:	0 - 3	Xn; R22 Xi; R41 Xi; R38		[1]

**Type**

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

See Section 16 for the full text of the R phrases declared above.

Occupational exposure limits, if available, are listed in Section 8. For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

\* exempted according to REACH Art. 2(7) and Annex V; Each starting material of the ionic mixture is registered, if required

## 4. First aid measures

### 4.1 Description of first aid measures

#### Eye contact

Get medical attention immediately. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

#### Inhalation

Move exposed person to fresh air.

Keep person warm and at rest.

If unconscious, place in recovery position and get medical attention immediately.

Maintain an open airway.

Loosen tight clothing such as a collar, tie, belt or waistband.

If chlorine is released (following contact with acid) get medical attention immediately.

Oxygen may be administered if breathing is difficult.

Get medical attention if adverse health effects persist or are severe.

#### Skin contact

Flush contaminated skin with plenty of water. Continue to rinse for at least 10 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Get medical attention if symptoms occur.

#### Ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink.

Do not induce vomiting unless directed to do so by medical personnel.

Get medical attention if adverse health effects persist or are severe.

#### Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

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

#### Potential acute health effects

##### Eye contact

Risk of serious damage to eyes.

##### Inhalation

No known significant effects or critical hazards.

##### Skin contact

Causes severe burns.

##### Ingestion

No known significant effects or critical hazards.

#### Over-exposure signs/symptoms

#### Eye contact

Adverse symptoms may include the following:

pain

watering

redness

#### Inhalation

No specific data.

#### Skin contact

Adverse symptoms may include the following:

pain or irritation

redness

blistering may occur

#### Ingestion

Adverse symptoms may include the following:

stomach pains

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

#### Notes to physician

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

#### Specific treatments

No specific treatment.

## 5. Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

#### Unsuitable extinguishing media

None known.

## 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products

No specific data.

## 5.3 Advice for firefighters

Special precautions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Additional information

Not available.

## 6. Accidental release measures

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

For non-emergency personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and cleaning up

#### Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### Large spill

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. 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. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## 7. Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

#### Protective measures

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be



hazardous. Do not reuse container.

#### Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

#### 7.3 Specific end use(s)

Recommendations

Not available

Industrial sector specific solutions

Not available

## 8. Exposure controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 8.1 Control parameters

##### Occupational exposure limits

Product/ingredient name	Occupational exposure limits
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No exposure limit value known.

#### Recommended monitoring procedures

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures

and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## 8.2 Exposure controls

### Appropriate engineering controls

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Individual protection measures

#### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

### Skin protection

#### Hand protection

For industrial use

#### Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Other skin protection

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

#### Respiratory protection

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

#### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form	liquid
Color	Not available
Odor	perfumed
Odor threshold	Not available
pH	12.4
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point	Not available
Evaporation rate	Not available

Flammability (solid, gas)	Not available
Density	Not available
Bulk density	Not available
Solubility in water at room temperature (g/l):	Not available
Upper/lower flammability or explosive limits	Lower: Not available. Upper: Not available.
Vapor pressure	Not available.
Vapor density	Not available
Relative density	Not available
Solubility(ies)	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Viscosity	Dynamic: Not available Kinematic: Not available.
Explosive properties	Not available
Oxidizing properties	Not available

### 9.2 Other information

SADT	Not available
Type of aerosol	Not available
Heat of combustion	Not available.

## 10. Stability and reactivity

10.1 Reactivity	No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	The product is stable.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	No specific data.
10.5 Incompatible materials	Reactive or incompatible with the following materials: acids
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50 > 2,000 mg/kg

#### Irritation/Corrosion

##### Eyes

The mixture is an irritant for the eyes. The irritancy potential of the mixture is evaluated compared to testdata (OECD 438) for similar mixtures

##### Skin

Causes skin irritation. The irritancy potential of the mixture is evaluated compared to testdata (OECD 438) for similar mixtures

##### Sensitization

No sensitization studies have been performed on the mixture. Based on the composition as indicated in section 3, it's not likely that the mixture will cause sensitisation by skin contact

#### Respiratory

No inhalation irritancy studies have been performed on the mixture. Based on the composition as indicated in section 3, it is not likely that this mixture will cause irritation of the respiratory tract.

#### Repeated dose toxicity

Not available

#### Carcinogenicity

No known significant effects or critical hazards.

#### Mutagenicity

No known significant effects or critical hazards.

#### Toxicity for reproduction

No known significant effects or critical hazards.

## 12: Ecological information

### 12.1 Toxicity

No ecological research on the mixture has been performed based on the composition as indicated in section 3.

Similar mixtures containing 5% sodium hypochlorite.

LC50 ( Fish ): 0.06 mg/l

### 12.2 Persistence and degradability

The surfactants used in this mixture are readily biodegradable.

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

Not considered to be bioaccumulating in the environment

#### 12.4 Mobility in soil

Mixture is highly soluble

#### 12.5 Results of PBT and vPvB assessment

The substances used in this mixture are neither a PBT- or a vPvB substance

### 13. Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

#### 13.1 Waste treatment methods

##### Product

Methods of disposal

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

The classification of the product may meet the criteria for a hazardous waste.

##### Packaging

Methods of disposal

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

## Special precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## 14. Transport information

	ADR/RID	ADN	IMDG
14.1 UN number	-	-	-
14.2 UN proper shipping name	Not regulated.	Not regulated.	Not regulated.
14.3 Transport hazard class(es)	Not regulated.	Not regulated.	Not regulated.
14.4 Packing group	-	-	-
14.5. Environmental hazards	No.	No.	No.
14.6 Special precautions for user	Not available	Not available	Not available
Additional information			



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

Not available.

15. Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern

Carcinogen:

Mutagen:

Toxic to reproduction:

PBT:

vPvB:

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

Other EU regulations

Europe inventory

Not determined.

Industrial emissions (integrated pollution prevention and control) - Air-

Not listed

Industrial emissions (integrated pollution prevention and control) - Water-

Not listed

Aerosol dispensers            Not applicable.

#### National regulations

Remark                            This product has been classified in accordance with Dangerous Preparations Directive (1999/45/EC as amended).

#### International regulations

15.2 Chemical Safety            This product contains substances for which Chemical Safety Assessments  
Assessment                        are still required.

### 16. Other information

Abbreviations and  
acronyms

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC)  
No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

Key literature  
references and  
sources for data

The irritancy potential of this mixture has been assessed by reference to test  
data on similar mixtures

Full text of abbreviated

R22- Harmful if swallowed.

R phrases

R41- Risk of serious damage to eyes.

R38- Irritating to skin.

Full text of classifications [DSD/DPD]	Xn - Harmful  Xi - Irritant
Date of printing	05.01.2018
Date of issueDate of revision	05.01.2018
Date of previous issue	00.00.0000
Reason:	Not applicable
Version	01

Notice to reader

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