

# Safety Data Sheet

according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

## 1 Identification

**Product Name:** HYPERFOAM

**Other Means of Identification:**

**Other Name:** Sodium hydroxide/potassium hydroxide solution containing sodium hypochlorite.

**Recommended Use of the Chemical and Restriction on Use:**

A heavy duty foaming sanitiser for cleaning external surfaces in the food industry.

**Details of Manufacturer or Importer:**

Dasco Pty Ltd  
24 - 26 Helen Street  
Heidelberg Heights VIC 3081

**Phone Number:** 03 9459 7004

**Emergency telephone number:** National Poison Information Centre: 13 11 26

## 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition).



corrosion

Skin Corrosion/Irritation 1A H314 Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation 1 H318 Causes serious eye damage.



STOT SE 3 H335 May cause respiratory irritation.

Aquatic Acute 2 H401 Toxic to aquatic life.

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

**Signal Word** Danger

**Hazard Statements**

H314 Causes severe skin burns and eye damage.

H335 May cause respiratory irritation.

H401 Toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 1)

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/doctor.

P321 Specific treatment (see on this label).

P363 Wash contaminated clothing before reuse.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national regulations.

### 3 Composition and Information on Ingredients

#### Chemical Characterization: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Hazardous Components:

CAS: 1310-73-2	Sodium hydroxide ⚠ Skin Corrosion/Irritation 1A, H314; ⚠ STOT SE 3, H335	10 - 30%
CAS: 7681-52-9	Sodium hypochlorite, solution ⚠ Skin Corrosion/Irritation 1B, H314; ⚠ Aquatic Acute 1, H400; ⚠ STOT SE 3, H335	<5%
CAS: 1310-58-3	Potassium hydroxide ⚠ Skin Corrosion/Irritation 1A, H314; ⚠ Acute Toxicity (Oral) 4, H302	<5%
CAS: 1643-20-5	Dodecyltrimethylamine oxide ⚠ Aquatic Acute 1, H400; Aquatic Chronic 2, H411; ⚠ Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319	<5%
CAS: 1300-72-7	Sodium xylenesulphonate ⚠ Serious Eye Damage/Irritation 2A, H319	<5%
CAS: 127087-87-0	Alkylphenol Alkoxylate ⚠ Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315; Serious Eye Damage/Irritation 2A, H319	<5%

### 4 First Aid Measures

#### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

#### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention.

#### Eye Contact:

In case of eye contact, hold eyelids open and rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical attention if symptoms occur.

#### Ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

Inhalation: May cause respiratory irritation. Material may be destructive to tissue of the mucous membranes and upper respiratory tract.

Skin Contact: Causes severe skin burns.

Eye Contact: Causes serious eye damage.

Ingestion: May be harmful if swallowed.

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 2)

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from the Chemical:**

Hazardous decomposition products include oxides of sodium, chlorine and hydrogen chloride.

This product is not flammable, but may decompose in a fire.

Containers close to fire should be removed if safe to do so. Use water spray to cool fire exposed containers.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved respiratory protection, chemical resistant gloves, protective clothing and safety boots.

Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material.

Collect the spilled material and place into a suitable container for disposal.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours. Use only outdoors or in a well-ventilated area.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep container tightly closed when not in use. Protect from heat. Keep away from strong oxidizing agents, strong acids and organic materials.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

**CAS: 1310-73-2 Sodium hydroxide**

WES Peak limitation: 2 mg/m<sup>3</sup>

**CAS: 1310-58-3 Potassium hydroxide**

WES Peak limitation: 2 mg/m<sup>3</sup>

**Engineering Controls:**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapour below occupational exposure standards.

**Respiratory Protection:**

Use an approved vapour respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 3)

**Skin Protection:**

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information.

When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

**Eye and Face Protection:**

Eye and face protectors for protection against splashing materials or liquids. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

**Appearance:**

**Form:** Liquid  
**Colour:** Clear, colourless  
**Odour:** Characteristic

**Odour Threshold:** Not determined.

**pH-Value:** ~14

**Melting point/freezing point:** No information available

**Initial Boiling Point/Boiling Range:** >100 °C

**Flash Point:** Not applicable

**Flammability:** Non flammable

**Auto-ignition Temperature:** Not applicable

**Decomposition Temperature:** No information available

**Explosion Limits:**

**Lower:** Not applicable

**Upper:** Not applicable

**Vapour Pressure:** Not determined.

**Relative Density:** 1.25

**Vapour Density:** Not determined.

**Evaporation Rate:** Not determined.

**Solubility in Water:** Miscible in all proportions

**Partition Coefficient (n-octanol/water):** No information available

**Viscosity:** No information available

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:** Hazardous polymerisation will not occur.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.

**Conditions to Avoid:** Heat.

**Incompatible Materials:** Strong oxidizing agents, strong acids and organic materials.

**Hazardous Decomposition Products:** Oxides of sodium, chlorine and hydrogen chloride.

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

Product Name: HYPERFOAM

(Contd. of page 4)

## 11 Toxicological Information

### Toxicity:

#### LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:

##### CAS: 1310-73-2 Sodium hydroxide

Oral LD<sub>50</sub> 2000 mg/kg (rat)

##### CAS: 7681-52-9 Sodium hypochlorite, solution

Oral LD<sub>50</sub> 5800 mg/kg (mouse)

##### CAS: 1310-58-3 Potassium hydroxide

Oral LD<sub>50</sub> 273 mg/kg (rat)

##### CAS: 1643-20-5 Dodecyldimethylamine oxide

Oral LD<sub>50</sub> 5000 mg/kg (rat)

### Acute Health Effects

#### Inhalation:

May cause respiratory irritation. Material may be destructive to tissue of the mucous membranes and upper respiratory tract.

**Skin:** Causes severe skin burns.

**Eye:** Causes serious eye damage.

**Ingestion:** May be harmful if swallowed.

**Skin Corrosion / Irritation:** Causes severe skin burns.

**Serious Eye Damage / Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.

**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.

**Carcinogenicity:** This product does NOT contain any IARC listed chemicals.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.

#### Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.

**Chronic Health Effects:** No information available

**Existing Conditions Aggravated by Exposure:** No information available

**Additional toxicological information:** No information available

## 12 Ecological Information

### Ecotoxicity:

#### Aquatic toxicity:

Toxic to aquatic life with long lasting effects.

##### CAS: 1310-73-2 Sodium hydroxide

EC<sub>50</sub>/48 h 40.4 mg/l (daphnia)LC<sub>50</sub>/96 h 125 mg/l (mosquito fish)

45.4 mg/l (rainbow trout)

(Contd. on page 6)

# Safety Data Sheet

according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 5)

<b>CAS: 1310-58-3 Potassium hydroxide</b>	
EC <sub>50</sub> /15 minutes	22 mg/l (bacterial)
LC <sub>50</sub> /96 h	45.4 mg/l (rainbow trout)
LC <sub>50</sub> /48 h	40 mg/l (daphnia)

**Persistence and Degradability:** No information available**Bioaccumulative Potential:** No information available**Mobility in Soil:** No information available**Other adverse effects:** No information available

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

<b>UN Number</b>	UN1719
<b>ADG, IMDG, IATA</b>	
<b>Proper Shipping Name</b>	CAUSTIC ALKALI LIQUID, N.O.S. (Sodium hydroxide, potassium hydroxide)
<b>ADG, IMDG, IATA</b>	
<b>Dangerous Goods Class</b>	
<b>ADG Class:</b>	8 Corrosive substances.
<b>Packing Group:</b>	
<b>ADG, IMDG, IATA</b>	II
<b>Marine pollutant:</b>	No
<b>EMS Number:</b>	F-A,S-B
<b>Hazchem Code:</b>	2R
<b>Special Provisions:</b>	274
<b>Limited Quantities:</b>	1L
<b>Packagings &amp; IBCs - Packing Instruction:</b>	P001, IBC02
<b>Portable Tanks &amp; Bulk Containers - Instructions:</b>	T11
<b>Portable Tanks &amp; Bulk Containers - Special Provisions:</b>	TP2, TP27

## 15 Regulatory Information

<b>Australian Inventory of Chemical Substances:</b>	
CAS: 1310-73-2	Sodium hydroxide
CAS: 7681-52-9	Sodium hypochlorite, solution
CAS: 1310-58-3	Potassium hydroxide
CAS: 1643-20-5	Dodecyldimethylamine oxide
CAS: 1300-72-7	Sodium xylenesulphonate

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 6)

CAS: 127087-87-0	Alkylphenol Alkoxylate
CAS: 7732-18-5	Water

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**  
Poisons Schedule: 6

### 16 Other Information

**Date of Preparation or Last Revision:** 23.01.2020**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

**Abbreviations and acronyms:**

ADG: Australian Dangerous Goods  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC<sub>50</sub>: Lethal concentration, 50 percent  
 LD<sub>50</sub>: Lethal dose, 50 percent  
 IARC: International Agency for Research on Cancer  
 STEL: Short Term Exposure Limit  
 TWA: Time Weighted Average  
 NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)  
 Acute Toxicity (Oral) 4: Acute toxicity – Category 4  
 Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A  
 Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B  
 Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2  
 Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1  
 Serious Eye Damage/Irritation 2A: Serious eye damage/eye irritation – Category 2A  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1  
 Aquatic Acute 2: Hazardous to the aquatic environment, short-term (Acute). Category 2  
 Aquatic Chronic 2: Hazardous to the aquatic environment, long-term (Chronic). Category 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

**Data altered compared to the previous version:**

Section 2: Hazardous Nature.  
 Section 2: Hazard Statements.  
 Section 2: Precautionary Statements.  
 Section 3: Hazardous Components.  
 Section 4: Eye Contact.  
 Section 4: Symptoms Caused by Exposure.  
 Section 5: Specific Hazards Arising from the Chemical.  
 Section 6: Personal Precautions, Protective Equipment and Emergency Procedures.  
 Section 7: Conditions for Safe Storage.  
 Section 8: Exposure Standards  
 Section 8: Respiratory Protection.  
 Section 10: Conditions to Avoid.  
 Section 11: Acute Health Effects.  
 Section 11: Specific Target Organ Toxicity (STOT) - Single Exposure.  
 Section 12: Aquatic Toxicity.  
 Section 15: Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule.

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Dasco Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty

(Contd. on page 8)

## **Safety Data Sheet**

**according to WHS Regulations**

Printing date 23.01.2020

Revision: 23.01.2020

**Product Name: HYPERFOAM**

(Contd. of page 7)

Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.