



Safety Data Sheet

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

PRODUCT NAME / CODE: 302012

Date of issue: August 2010

1. Identification of substance / preparation

- Trade Name: Carpet cleaner
- Use of the substance /preparation: Detergent
- Company/undertaking identification

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2. Hazards identification

This product is classified as dangerous according to Directive 1999/45/EC as amended and adapted.

Xi, R36/38

Physical and Chemical Hazard

Contents under pressure. Container may explode if heated. Irritating to eyes and skin,

Human health hazards

Inhalation: Causes upper respiratory tract irritation. **Eye Contact:** Causes irritation to eyes on contact.

Skin Contact: Causes irritation to skin on contact. **Ingestion:** May be harmful if swallowed. May cause burns to mouth, throat and stomach.

3. Composition / information on ingredients

EC Chemical name	CAS / EINECS Number
Butane	106-97-8
Propane	74-98-6
Isopropyl alcohol	67-63-0
Dodecyloxypropyl (ethyleneoxy) Ethyl sulphate, sodium salt	9004-82-4
Coconut diethanolamide	68603-82-4
Water	7732-18-5
Sodium hydroxide	1310-73-2
Sodium benzoate	532-31-1

4. First aid measures

EYES: Immediately rinse eyes with water, remove any contact lenses, and continue rinsing eyes for fifteen minutes. Call a doctor or poison control center if symptoms persist.

SKIN: Rinse skin immediately and remove contaminated clothing. Wash thoroughly with soap and water and continue flushing with water for at least 10 minutes. If discomfort persists, call a physician immediately.

INHALATION: Move person to fresh air. Call a doctor or poison control center if symptoms persist.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. Fire-fighting measures

*Flash Point:	<156 °F (-104C)	*Method Used:	Closed Cup
*Upper Flammable Limit (UFL):	8.4 % (v/v)	*Lower Flammable Limit (LFL):	1.8% (v/v)

** Propellant only*

General Fire Hazards

Pressurized containers may explode (due to the build-up of pressure) when exposed to extreme heat.

Hazardous Combustion Products

This product may decompose in fire, releasing carbon dioxide and carbon monoxide.

Extinguishing Media

Carbon dioxide, dry chemical, alcohol foam.

Fire Fighting Equipment/Instructions

Full protective equipment including self-contained breathing apparatus should be used.

6. Accidental release measures

Personal Precautions

Aerosol products do not spill. In case of puncture, eliminate all sources of ignition or flammables that may come into contact with a spill of this material.

Clean-Up Procedures

Stop source of leak if possible. Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, Scoop up used absorbent into drums or other appropriate container.

7. Handling and storage

Handling Procedures

Keep out of reach of children. Do not spray directly towards face. Avoid contact with skin, eyes, mucous membranes and clothing.

Avoid breathing spray mist. Do not place in hot water or near radiators, stoves or other sources of heat. Keep away from heat, sparks, or open flame.

Containers under pressure. Do not puncture, incinerate, or expose to temperature above 49 °C.

Storage Procedures

Store in a well-ventilated place.

Avoid freezing or extremely heat to prevent bursting of the container. Store between 5°C and 30 °C in a dry well ventilated area away from sources of heat, ignition and direct sunlight.

8. Exposure controls / personal protection

Component Occupational Exposure Limits

Propane (74-98-6)

ACGIH: 2500 ppm TWA

German DFG: 1000 ppm MAK; 1800 mg/m³ MAK
2000 ppm Peak; 3600 mg/m³ Peak

Butane (106-97-8)

ACGIH: 800 ppm TWA

German DFG: 1000 ppm MAK; 2400 mg/m³ MAK (Listed under Butane)
2000 ppm Peak; 4800 mg/m³ Peak (Listed under Butane)

United Kingdom: 600 ppm TWA; 1450 mg/m³ TWA
750 ppm STEL; 1810 mg/m³ STEL

Isopropyl alcohol (67-63-0)

ACGIH: 400 ppm TWA
500 ppm STEL

German DFG: 200 ppm MAK; 500 mg/m³ MAK
400 ppm Peak; 1000 mg/m³ Peak

United Kingdom: 400 ppm TWA; 999 mg/m³ TWA
500 ppm STEL; 1250 mg/m³ STEL

Sweden: 150 ppm LLV; 350 mg/m³ LLV
250 ppm STV; 600 mg/m³ STV

Sodium hydroxide (1310-73-2)

ACGIH: 2 mg/m3 Ceiling

United Kingdom: 2 mg/m3 STEL

Engineering Controls

Use adequate ventilation to control airborne concentrations below the exposure limits. If user operations generate a vapor or mist, use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended exposure limits.

Personal Protective Equipment

Eyes/Face: Wear chemical goggles or a full face shield.,

Skin: The use of long rubber gloves is required.

Respiratory: Not normally required when good general ventilation is provided. However, if exposure limits are exceeded or respiratory irritation occurs, use of an approved respirator suitable for the use-conditions and chemicals in Section II should be considered.

Personal Protective Equipment: General

Emergency eye wash and shower is required.

9. Physical and chemical properties

Physical state:	Aerosol	Color:	White
Odor:	Fragrant	pH:	4 - 6
Vapor Density:	ND	Vapor Pressure:	ND
Boiling Point:	ND	Melting point:	ND
Solubility (H₂O):	miscible	Specific Gravity (H₂O = 1):	ND

10. Stability and reactivity**Chemical Stability**

This is a stable material.

Chemical Stability: Conditions to Avoid

Do not freeze. Do not expose to direct sunlight and temperatures exceeding 49 °C.

Avoid contact strong oxidizing.

Hazardous Decomposition

Hazardous combustion products may include carbon monoxide and carbon dioxide.

Hazardous Polymerization

Will not occur.

11. Toxicological information**Acute and Chronic Toxicity****Component Analysis - LD50/LC50****Butane (106-97-8)**

Inhalation LC50 Rat: 658 gm/m3/4H; Inhalation LC50 Mouse: 680 gm/m3/2H

Dodecyloxypoly(ethyleneoxy) ethyl sulfate, sodium salt (9004-82-4)

Oral LD50 Rat: 1600 mg/kg

Isopropyl alcohol (67-63-0)

Inhalation LC50 Rat: 16000 ppm/8H; Oral LD50 Rat: 5045 mg/kg; Oral LD50 Mouse: 3600 mg/kg;

Dermal LD50 Rabbit: 12800 mg/kg

Coconut diethanolamide (68603-42-9)

Oral LD50 Rat: 12400 uL/kg

Sodium benzoate (532-32-1)

Oral LD50 Rat: 4070 mg/kg; Oral LD50 Mouse: 1600 mg/kg

Carcinogenicity: Component Carcinogenicity**Butane (106-97-8)**

United Kingdom: R45 (may cause cancer); (containing at least 0.1% butadiene)

Isopropyl alcohol (67-63-0)

IARC: Monograph 71, 1999; Supplement 7, 1987; Monograph 15, 1977 (Group 3 (not classifica

Sensitization: Coconut diethanolamide have been reported to cause contact allergic dermatitis after repeated and/or prolonged skin contact.

Mutagenicity: No data available for this product.

Teratogenicity: No data available for this product.

12. Ecological information

Ecotoxicity

Component Analysis - Ecotoxicity - Aquatic Toxicity

Isopropyl alcohol (67-63-0)

Test & Species

96 Hr LC50 fathead minnow (29 days old) 94900 mg/L

96 Hr LC50 fathead minnow (31 days old) 61200 mg/L

5 min EC50 Photobacterium phosphoreum 35390 mg/L

Sodium benzoate (532-32-1)

Test & Species

96 Hr LC50 fathead minnow 484 mg/L

Environmental Fate

The product is intended for wide dispersive use, which is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

13. Disposal considerations

WASTE DISPOSAL INSTRUCTIONS

Do not crush, puncture or incinerate spent.

Large numbers of aerosol containers may require handling as a hazardous waste.

Dispose of in accordance with local environmental regulations or local authority requirements.

14. Transport information

The description shown below may not apply to all shipping situations. Consult appropriate Dangerous Goods Regulations, for additional description requirements (e.g. technical name) and mode-specific or quantity-specific shipping requirements.

RID/ADR (cross-border)

Class/Division: 2.2

UN Number: 1950

Label: Non-Required

Packaging group: None

Proper shipping name: Aerosols, non-flammable

IMO/IMDG

Class/Division: 2.2

UN Number: 1950

Label: Non-Required

Packaging group: None

Proper shipping name: Aerosols, non-flammable

ICAO/IATA

Class/Division: 2.2

UN Number: 1950

Label: Non-Required

Packaging group: None

Proper shipping name: Aerosols, non-flammable

15. Regulatory information

European Union Regulatory Information



Label Requirements

Xi: Irritating substance

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material, unless the aerosol dispenser is designed for that purpose; Irritating to eyes and skin.

R-Phrases/S-phrases

R36/38: Irritating to eyes and skin

S2: Keep out of the reach of children

S9: Keep container in a well-ventilated place

S16: Keep away from sources of ignition – No smoking.

S24: Avoid contact with skin.

S51: Use only in well-ventilated areas.

16. Other information

Third party materials:

If third-party materials not supplied by Overseas Trading Limited are used in conjunction with the product listed in this document, it is the customer's responsibility to obtain all of the technical data and other properties relating to these other materials/preparations from the supplier or manufacturer. No liability can be accepted in respect of the use of Overseas Trading products in conjunction with other materials.

Legal disclaimer:

The information provided here is accurate and reliable to the best of Overseas Trading Limited's knowledge and belief. However, no warranty or guarantee is made as to its accuracy, reliability or completeness and the information is for his own specific application