

SAFETY DATA SHEET
 according to REACH Regulation 1907/2006/EC, Article 31 &
 Detergents Regulation (EC) No 648/2004 Last amended 14 March 2012

Dyzolv

Revision: 1
 Issue date: 01-October-2015

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

1.1. Product identifier

Product name	Dyzolv
---------------------	--------

1.3. Details of the supplier of the safety data sheet

Company	Dyson Limited
Address	Tetbury Hill Malmesbury Wiltshire England SN16 0RP United Kingdom
Web	www.dyson.com
Telephone	08705 275104
Fax	-
Email	GlobalCompliance@dyson.com
Email address of the competent person	GlobalCompliance@dyson.com

1.4. Emergency telephone number

Emergency telephone number	08705 275104 - 24hrs
-----------------------------------	----------------------

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

	67/548/EEC / 1999/45/EC	European Regulation (EC) 1272/2008 (CLP)
Main hazards	No Significant Hazard	Eye Irritation Cat. 2

2.2. Label elements

67/548/EEC / 1999/45/EC	
Risk Phrases	No Significant Hazard

European Regulation (EC) 1272/2008 (CLP)	
---	--



Signal word : Warning

Hazard Statement	H319: Causes serious eye irritation
-------------------------	-------------------------------------

Precautionary Statement	P264: Wash hands thoroughly after handling. P280: Wear protective gloves. P305 & P351 & P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 & P313: If eye irritation persists: Get medical advice/attention.
--------------------------------	--

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Classification
10% or more					
Water		7732-18-5	231-791-2	N/A	
1% or over, but less than 10 %					
Acrylonitrile Methyl Acrylate Copolymer		24968-79-4		N/A	Skin Irrit 2 (H315) Eye Irrit 2 (H319)
0.1% or over, but less than 1 %					
Isotridecanol, ethoxylated		69011-36-5	500-241-6	N/A	Eye Dam 1 (H318) Acute Tox 4 (H302)
Dodecyl Benzene Sulphonic Acid		27176-87-0	204-489-3	N/A	Acute Tox 4 (H302) Acute Tox 3 (H311) Skin Corr 1C (H314) Eye Dam 1 (H318)
Lauryl Dimethyl Betaine		66455-29-6	266-368-1	N/A	Skin Corr 1B (H314) Eye Dam 1 (H318) Aquatic Chronic 3 (H412)
Less than 0.1 %					
Sodium laureth sulfate		9004-82-4	221-416-0	N/A	Eye Dam 1 (H318) Skin Irr 2 (H315)
Alkane Sulphonate, Sodium Salt		68037-49-0	268-213-3	N/A	Acute Tox 4 (H302) Acute Tox 4 (H312) Skin Corr 1C (H314) Eye Dam 1 (H318)
Sodium Hydroxide		1310-73-2	215-185-5	N/A	Skin Corr 1A (H314)
2-bromo-2-nitropropane-1,3-diol (Bronopol)	603-085-00-8	52-51-7	200-143-0	N/A	Acute Tox 4 (H302, H312) Skin Irrit 2 (H315) Eye Dam 1 (H318) STOT SE 3 (H335)
2-Methyl-2H-Isothiazol-3-one (MIT)		2682-20-4	220-239-6	N/A	Acute Tox 3 (H301, H311) Skin Corr 1B (H314) Skin Sens 1 (H317) Eye Dam 1 (H318) STOT SE 3 (H335) Aquatic Acute 1 (H400)
Benzisothiazolinone (BIT)	613-088-00-6	2634-33-5	220-120-9	N/A	Acute Tox 4 (H302) Skin Irrit 2 (H315) Skin Sens 1 (H317) Eye Dam 1 (H318) Aquatic Acute 1 (H400)

SECTION 4: First aid measures

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

Inhalation	No Symptoms.
Eye contact	There may be irritation and redness.
Skin contact	There may be irritation and redness.
Ingestion	There may be irritation of the throat.

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

Inhalation	Move the exposed person to fresh air.
Eye contact	Bathe the eye with running water for 15 minutes, if eye irritation persists seek medical attention.
Skin contact	Wash off immediately with plenty of soap and water.
Ingestion	Wash out mouth with water.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Cool fire exposed containers with waterspray
--	--

5.2. Special hazards arising from the substance or mixture

	In combustion emits toxic fumes
--	---------------------------------

5.3. Advice for firefighters

	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes
--	---

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid
--	---

6.2. Environmental precautions

	Do not discharge into drains or rivers. Contain the spillage using bunding.
--	---

6.3. Methods and material for containment and cleaning up

	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
--	--

SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Ensure adequate ventilation of the working area
--	---

7.2. Conditions for safe storage, including any incompatibilities

	Store in a cool, dry, well-ventilated area. Keep container tightly closed
--	---

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
Eye / face protection	Safety glasses. Ensure eye bath is to hand.
Skin protection - Handprotection	Protective clothing. Protective gloves.
Respiratory protection	Respiratory protection not required.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State	Liquid
Colour	White
Odour	Characteristic
pH	7
Relative density	1
Solubility	Soluble in water

Further information

	Non-viscous.
--	--------------

SECTION 10: Stability and reactivity**10.2. Chemical stability**

	Stable under normal conditions.
--	---------------------------------

10.4. Conditions to avoid

	Heat.
--	-------

10.5. Incompatible materials

	Strong acids. Strong oxidising agents.
--	--

10.6. Hazardous decomposition products

	In combustion emits toxic fumes
--	---------------------------------

SECTION 11: Toxicological information**11.1.4. Toxicological Information -**

2-bromo-2-nitropropane-1,3-diol (Bronopol)	Dermal, Rat LD50: 1600 mg/kg Oral, Mouse LD50: 270 mg/kg	Oral, Rat LD50: 180 mg/kg
Lauryl Dimethyl Betaine	Oral, Rat LD50: >2000 mg/kg	
Acrylonitrile Methyl Acrylate Copolymer	No data available	
Isotridecanol, ethoxylated	Oral Rat LD50 >2000 mg/kg/bw Eye Rabbit : Highly Irritating	Skin Rabbit : Irritating
Dodecyl Benzene Sulphonic Acid	No data available	

11.1.13. Other information

	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.
--	--

SECTION 12: Ecological information**12.2. Persistence and degradability**

	Biodegradable
--	---------------

12.3. Bioaccumulative potential

	No bioaccumulation potential
--	------------------------------

12.4. Mobility in soil

	Readily absorbed
--	------------------

12.6. Other adverse effects

	Negligible ecotoxicity
--	------------------------

SECTION 13: Disposal considerations**Disposal methods**

	D10 Incineration on land
--	--------------------------

Disposal of packaging

	May be reused following decontamination
--	---

Further information

	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
--	---

SECTION 14: Transport information**ADR/RID**

	The product is not classified as dangerous for carriage.
--	--

IMDG

	The product is not classified as dangerous for carriage.
--	--

IATA

	The product is not classified as dangerous for carriage.
--	--

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulations	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) and amendments thereof up to and including Regulation (EU) No 453/2010. Detergents Regulation (EC) No 648/2004 Last amended 14 March 2012.
--------------------	--

Further information

	The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.
--	--

SECTION 16: Other information**Further information**

Legal Disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.
-------------------------	--