



SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture	Waterproof Grease
Product code	99540
SDS number	6439
Registration number	-
Synonyms	None.
Date of first issue	14-December-2011
Version number	3,0
Revision date	28-May-2014
Supersedes date	27-May-2014

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

Identified uses	Not available.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Bel-Ray Company, LLC
P.O. Box 526
Farmingdale, NJ 07727
United States of America
+1 732 938 2421
CHEMTREC: 800-424-9300 (USA)
CHEMTREC: +1 703-527-3887 (outside USA - call collect)

Bel-Ray Europe S.A.
Avenue Louise, 306
Brussel, B-1050
Belgium
+32 (0) 2 540 84 52
Europe: +32 (0) 2 201 18 87
Europe Emergency: 112
customerservice@belray.com
www.belray.com/msds_search

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended

Health hazards

Acute toxicity, oral	Category 4	Harmful if swallowed.
Acute toxicity, inhalation	Category 4	Harmful if inhaled.

Hazard summary

Physical hazards	Not classified for physical hazards.
Health hazards	Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	Not available.
Main symptoms	Not available.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended**Contains:** Barium, Acetate Tallow Fatty Acids Complexes**Hazard pictograms****Signal word** Warning**Hazard statements** Harmful if swallowed. Harmful if inhaled.**Precautionary statements****Prevention** Keep out of reach of children. Read label before use. Avoid breathing vapours. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area.**Response** If medical advice is needed, have product container or label at hand. IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth.**Storage** Not available.**Disposal** Dispose of contents/container in accordance with local/regional/national/international regulations.**Supplemental label information** 97,93 % of the mixture consists of component(s) of unknown acute toxicity. 97,78 % of the mixture consists of component(s) of unknown acute inhalation toxicity.**2.3. Other hazards** Not assigned.**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
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Barium, Acetate Tallow Fatty Acids Complexes	1 - < 3	68201-19-4 269-207-3	-	056-002-00-7	#
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Classification: **DSD:** -**CLP:** Acute Tox. 4;H302, Acute Tox. 4;H332

Other components below reportable levels 90 - 100

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has been assigned Community workplace exposure limit(s).

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

Composition comments IP 346: < 3.0% DMSO extract for all base oil substances.**SECTION 4: First aid measures****General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

4.1. Description of first aid measures**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin contact

Rinse skin with water/shower. Get medical attention if irritation develops and persists.

Eye contact

Rinse with water. Get medical attention if irritation develops and persists.

Ingestion

IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell. Rinse mouth. Do not induce vomiting. Never give liquid to an unconscious person.

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

Not available.

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

In case of shortness of breath, give oxygen. Keep victim warm. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Not available.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire. Water.

5.2. Special hazards arising from the substance or mixture Not available.

5.3. Advice for firefighters

Special protective equipment for firefighters Wear suitable protective equipment.

Special fire fighting procedures Not available.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Fully encapsulating, vapour protective clothing should be worn for spills and leaks with no fire. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering them. In case of spills, beware of slippery floors and surfaces.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the MSDS.

6.2. Environmental precautions Prevent further leakage or spillage if safe to do so.

6.3. Methods and material for containment and cleaning up Remove sources of ignition. This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use. For waste disposal, see section 13.

6.4. Reference to other sections For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Do not taste or swallow. Avoid breathing vapour. Use only outdoors or in a well-ventilated area. When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities Room temperature - normal conditions. Store in a well-ventilated place. Keep container tightly closed. Keep out of the reach of children.

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBl. II, no. 184/2001

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	MAK	0,5 mg/m ³	Inhalable fraction.
	STEL	2 mg/m ³	Inhalable fraction.

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	10 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA STEL	5 mg/m3 10 mg/m3	Mist. Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA STEL	5 mg/m3 10 mg/m3	Mist. Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA STEL	5 mg/m3 10 mg/m3	Mist. Mist.
	TWA	5 mg/m3	Mist.

Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	5 mg/m3
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	Ceiling	2,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA Ceiling	0,5 mg/m3 1000 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA Ceiling	200 mg/m3 10 mg/m3	Aerosol
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA Ceiling	5 mg/m3 10 mg/m3	Aerosol Aerosol
	TWA	5 mg/m3	Aerosol

Denmark. Exposure Limit Values

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TLV	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TLV	1 mg/m3	Mist.

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	VME	0,5 mg/m3

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	Inhalable fraction.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	AGW	0,5 mg/m3	Inhalable fraction.

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3	Mist.

Greece. OELs (Decree No. 90/1999, as amended)

Components	Type	Value	Form
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3	Mist.

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	Ceiling	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	Ceiling	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	Ceiling	5 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	Ceiling	5 mg/m3	Mist.

Iceland. OELs. Regulation 154/1999 on occupational exposure limits

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	1 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	1 mg/m3	Mist.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	0,2 mg/m3	Inhalable fraction.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	5 mg/m3	Inhalable fraction.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3	Inhalable fraction.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3	Inhalable fraction.

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Netherlands. OELs (binding)

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3	Mist.

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TLV	0,5 mg/m3	

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TLV	1 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TLV	1 mg/m3	Mist.

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)

Components	Type	Value	Form
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3	Aerosol
	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	10 mg/m3

Romania. OELs. Protection of workers from exposure to chemical agents at the workplace

Components	Type	Value
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	TWA	5 mg/m3
	STEL	10 mg/m3
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	TWA	5 mg/m3
	STEL	10 mg/m3
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	TWA	5 mg/m3
	STEL	10 mg/m3
	TWA	5 mg/m3

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3	Total dust.
Distillates (petroleum), Hydrotreated Heavy Naphthenic (64742-52-5)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Heavy Paraffinic (64742-54-7)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Distillates (petroleum), Hydrotreated Light Paraffinic (64742-55-8)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Distillates (petroleum), Solvent-refined Heavy Paraffinic (64741-88-4)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	STEL	4 mg/m3	Inhalable dust.
	TWA	0,5 mg/m3	Inhalable dust.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components	Type	Value
Barium, Acetate Tallow Fatty Acids Complexes (68201-19-4)	TWA	0,5 mg/m3

Biological limit values No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures Follow standard monitoring procedures.

8.2. Exposure controls

Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

General information Applicable for industrial settings only: Use personal protective equipment as required.

Eye/face protection Not normally needed.

Skin protection

- Hand protection Not normally needed.

- Other Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Not available.

Hygiene measures When using, do not eat, drink or smoke. Wash hands after handling and before eating. Handle in accordance with good industrial hygiene and safety practices.

Environmental exposure controls Not available.

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

Appearance Grease

Appearance

Physical state Liquid.

Form Liquid. Grease Paste.
Liquid. Grease Paste.

Colour Green.
Green.

Odour Mild.

Odour threshold Not available.

pH Not applicable.

Melting point/freezing point Not available.

Initial boiling point and boiling range 360 °C (680 °F) estimated

Flash point 214,00 °C (417,20 °F) Pensky-Martens Closed Cup

Auto-ignition temperature 260 °C (500 °F) estimated

Flammability (solid, gas)	Not applicable.
Information on basic physical and chemical properties	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Oxidizing properties	Not available.
Explosive properties	Not available.
Vapour pressure	0,000010998 hPa estimated
Density	888,00 kg/m ³
Vapour density	Not applicable.
Evaporation rate	Not applicable.
Relative density	Not available.
Solubility(ies)	Negligible
Solubility (other)	Oil
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	Not available.
Viscosity	Not applicable.
VOC (Weight %)	0,016299 % estimated
Percent volatile	0,016299 % estimated
Other data	
Flammability class	Combustible IIIB estimated
Specific gravity	0,888
9.2. Other information	No relevant additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity	Strong oxidizing agents.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Avoid temperatures exceeding the flash point.
10.5. Incompatible materials	None known.
10.6. Hazardous decomposition products	Toxic gas. Nitrogen oxides (NO _x). At thermal decomposition temperatures, carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

General information	Not available.
Information on likely routes of exposure	
Ingestion	Harmful if swallowed.
Inhalation	Harmful if inhaled.
Skin contact	Based on available data, the classification criteria are not met.
Eye contact	Due to lack of data the classification is not possible.
Symptoms	Not available.

11.1. Information on toxicological effects

Acute toxicity	Harmful if inhaled. Harmful if swallowed.
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Product	Species	Test results
Waterproof Grease (Mixture)		
Acute		
<i>Oral</i>		
LD50	Rat	37180,7969 g/kg, estimated
<i>Other</i>		
LD50	Rat	40425,5313 mg/kg, estimated

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation	Due to lack of data the classification is not possible.
Serious eye damage/irritation	Due to lack of data the classification is not possible.
Respiratory sensitisation	Due to lack of data the classification is not possible.
Skin sensitisation	Due to lack of data the classification is not possible.
Germ cell mutagenicity	Due to lack of data the classification is not possible.
Carcinogenicity	Due to lack of data the classification is not possible.
Reproductive toxicity	Due to lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Due to lack of data the classification is not possible.
Specific target organ toxicity - repeated exposure	Due to lack of data the classification is not possible.
Aspiration hazard	Due to lack of data the classification is not possible.
Mixture versus substance information	Not available.
Other information	Not available.

SECTION 12: Ecological information

12.1. Toxicity Not expected to be harmful to aquatic organisms.

Product	Species		Test results
Waterproof Grease (Mixture)			
Crustacea	EC50	Daphnia	15219,9229 mg/l, 48 hours, estimated
Fish	LC50	Fish	43657,5469 mg/l, 96 hours, estimated

* Estimates for product may be based on additional component data not shown.

12.2. Persistence and degradability No data is available on the degradability of this product.

12.3. Bioaccumulative potential Not available.

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil Not available.

12.5. Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. Other adverse effects Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Authorisations****Restrictions on use****Other EU regulations****Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Barium, Acetate Tallow Fatty Acids Complexes (CAS 68201-19-4)

Other regulations

The product is classified and labelled in accordance with EC directives or respective national laws
This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

National regulations

Not available.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information**List of abbreviations**

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

Not available.

Full text of any statements or R-phrases and H-statements under Sections 2 to 15

H302 - Harmful if swallowed.
H332 - Harmful if inhaled.

Revision information

Not available.

Training information

Not available.

Disclaimer

Bel-Ray Company cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use.

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