

Barton-on Humber North Lincolnshire DN 18 5RP

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

1.1 Product identifier

Dirtwash Protect & Shine spray

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

1.2.1 Relevant uses

Cleaning agent Polishing agent

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Weldtite Products Ltd.

Unit 9, Harrier Road, Humber Ind. Estate

Barton-on Humber North Lincolnshire DN 18 5RP / UK

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1.4 Emergency telephone number

Company +44 (0) 1652 660000 Mo-Fr 8:00 - 17:00

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Aerosol 1: H222 Extremely flammable aerosol. H229 Pressurised container: May burst if

heated.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms

Signal word DANGER

Hazard statements H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Precautionary statements P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C / 122°F.

Special labelling Contains: 2-Methyl-2H-isothiazolin-3-one, Linalool. EUH208 May produce an allergic reaction.

Cleaner, 648/2004/CE, contains: 5 - <15% aliphatic hydrocarbons (propellant)

5 - <15% aliphatic hydrocarbons < 5% non-ionic surfactants

preservatives BENZISOTHIAZOLINONE preservatives METHYLISOTHIAZOLINONE

fragrances COUMARIN fragrances LINALOOL fragrances CITRONELLOL fragrances GERANIOL fragrances LIMONENE

fragrances



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2.3 Other hazards

Physico-chemical hazards Heat causes increase in pressure and risk of bursting.

Other hazards Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

3.2 The product is a mixture.

Range [%]	Substance
10 - < 15	Petroleum gases, liquefied (< 0,1% 1,3-butadiene)
	CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6
	GHS/CLP: Flam. Gas 1: H220 - Press. Gas (Liquefied gas): H280
5 - < 10	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
	CAS: 64742-47-8, EINECS/ELINCS: 919-857-5, EU-INDEX: 649-327-00-6, Reg-No.: 01-2119463258-33-XXXX
	GHS/CLP: Asp. Tox. 1: H304 - Flam. Liq. 3: H226 - STOT SE 3: H336
0,1 - < 1	Sodium nitrite
	CAS: 7632-00-0, EINECS/ELINCS: 231-555-9, EU-INDEX: 007-010-00-4, Reg-No.: 01-2119471836-27-XXXX
	GHS/CLP: Ox. Sol. 2: H272 - Acute Tox. 3: H301 - Aquatic Acute 1: H400 - Eye Irrit. 2: H319
0,1 - < 1	Sodium N-Lauroyl Sarcosinate
	CAS: 137-16-6, EINECS/ELINCS: 205-281-5, Reg-No.: 01-2119527780-39-XXXX
	GHS/CLP: Acute Tox. 2: H330 - Skin Irrit. 2: H315 - Eye Dam. 1: H318
0,1 - < 1	Linalool
	CAS: 78-70-6, EINECS/ELINCS: 201-134-4, EU-INDEX: 603-235-00-2
	GHS/CLP: Eye Irrit. 2: H319 - Skin Irrit. 2: H315 - Skin Sens. 1B: H317
0,00015 - < 0,0015	2-Methyl-2H-isothiazolin-3-one
	CAS: 2682-20-4, EINECS/ELINCS: 220-239-6, EU-INDEX: 613-326-00-9
	GHS/CLP: Acute Tox. 3: H301 H311 - Acute Tox. 2: H330 - Skin Corr. 1B: H314 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410 - Eye Dam. 1: H318, M_acute = 10, M_chronic = 1
	M_dodic = 10, M_officino = 1

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.

For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

Ingestion

4.1 Description of first aid measures

General information Take off contaminated clothing and wash before reuse.

Inhalation Ensure supply of fresh air.

In the event of symptoms seek medical treatment.

Skin contact In case of contact with skin wash off immediately with soap and water.

Consult a doctor if skin irritation persists.

Eye contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Rinse out mouth and give plenty of water to drink.

Cook modical advise

Seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.



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SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media Foam, dry powder, water spray jet, carbon dioxide.

Extinguishing media that must not

be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Bursting aerosols can be forcibly projected from a fire.

Risk of formation of toxic pyrolysis products.

Carbon monoxide (CO). Not combusted hydrocarbons.

5.3 Advice for firefighters

Use self-contained breathing apparatus.

Do not inhale explosion and/or combustion gases.

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance within

the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.

Ensure adequate ventilation.

Wear suitable protective equipment. For personal protection see SECTION 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.

Take up residues with absorbent material (e.g. sand).

Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Avoid spraying in enclosed areas.

Avoid contact with eyes and skin. Use personal protective equipment.

Keep away from open flames, hot surfaces and sources of ignition.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50

°C.

Do not spray on a naked flame or any incandescent material.

Do not pierce or burn, even after use.

Do not eat, drink, smoke or take drugs at work.

Take off contaminated clothing and wash before reuse.

Wash hands before breaks and after work.

Use barrier skin cream.

Safety Data Sheet 1907/2006/EC - REACH (GB) Dirtwash Protect & Shine spray



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7.2 Conditions for safe storage, including any incompatibilities

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Do not store together with food and animal food/diet.

Protect from heat/overheating and from sun.

Keep in a cool place, heat causes increase in pressure and risk of bursting.

Keep container in a well-ventilated place.

7.3 Specific end use(s)

See product use, SECTION 1.2



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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics

CAS: 64742-47-8, EINECS/ELINCS: 919-857-5, EU-INDEX: 649-327-00-6, Reg-No.: 01-2119463258-33-XXXX

Long-term exposure: 800 mg/m³

Petroleum gases, liquefied (< 0,1% 1,3-butadiene)

CAS: 68476-85-7, EINECS/ELINCS: 270-704-2, EU-INDEX: 649-202-00-6

Long-term exposure: 1000 ppm, 1750 mg/m³, Carc (only applies if LPG contains more than 0.1% of buta-1,3-diene)

Short-term exposure (15-minute): 1250 ppm, 2180 mg/m³

DNEL

Substance

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-47-8

Industrial, dermal, Long-term - systemic effects: 300 mg/kg bw/d.

general population, inhalative, Acute - systemic effects: 1500 mg/m³.

general population, inhalative, Long-term - systemic effects: 900 mg/m³

general population, dermal, Long-term - systemic effects: 300 mg/kg bw/d.

general population, oral, Long-term - systemic effects: 300 mg/kg bw/d.

Sodium nitrite, CAS: 7632-00-0

Industrial, inhalative, Acute - systemic effects: 2 mg/m3.

Industrial, inhalative, Long-term - systemic effects: 2 mg/m3.

Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6

Industrial, dermal, Long-term - systemic effects: 20 mg/kg bw/day.

Industrial, inhalative, Long-term - systemic effects: 70,53 mg/m³.

general population, oral, Long-term - systemic effects: 10 mg/kg bw/day.

general population, inhalative, Long-term - systemic effects: 10 mg/kg bw/day.

general population, inhalative, Long-term - systemic effects: 17,39 mg/m³.

PNEC

Substance

Sodium nitrite, CAS: 7632-00-0

sewage treatment plants (STP), 21 mg/l.

soil, 0,001 mg/kg soil dw.

sediment (seawater), 0,022 mg/kg sediment dw

sediment (freshwater), 0,019 mg/kg sediment dw.

seawater, 0,006 mg/L

freshwater, 0,005 mg/L

Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6

soil, 0,008 mg/kg soil dw.

sediment (seawater), 0,006 mg/kg sediment dw.

sediment (freshwater), 0,064 mg/kg sediment dw.

sewage treatment plants (STP), 3 mg/L

seawater, 0,001 mg/L.

freshwater, 0,009 mg/L

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8.2 Exposure controls

Additional advice on system design

Ensure adequate ventilation on workstation.

Measurement methods for taking workplace measurements must meet the performance

requirements of DIN EN 482. For example, recommendations are given in the IFA's list of

hazardous substances.

Eye protection If there is a risk of splashing:

Safety glasses. (EN 166:2001)

Hand protection The details concerned are recommendations. Please contact the glove supplier for further

In full contact:

> 0,1 mm, Butyl rubber, >480 min (EN 374-1/-2/-3).

In splash contact:

> 0,1 mm, butyl rubber, > 120 min (EN 374-1/-2/-3)

Skin protection Solvent-resistant protective clothing (EN 340)

Other Do not inhale aerosols.

Avoid contact with eyes and skin.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to

chemicals should be ascertained with the respective supplier.

Respiratory protectionNot required under normal conditions.

In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear

appropriate respiratory protection.

Short term: filter apparatus, filter A. (DIN EN 14387)

Thermal hazards See SECTION 7.

Delimitation and monitoring of the

environmental exposition

Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form aerosol
Color white
Odor perfumed

Odour threshold No information available.

pH-value not applicable
 pH-value [1%] not applicable
 Boiling point [°C] not applicable
 Flash point [°C] not applicable
 Flammability (solid, gas) [°C] not applicable

Lower explosion limitNo information available.Upper explosion limitNo information available.

Oxidising properties none

Vapour pressure/gas pressure [kPa] ca. 3 Bar (20°C)

Density [g/ml] 0,91

Bulk density [kg/m³]not applicableSolubility in waternot applicable

Partition coefficient [n-octanol/water] No information available.

Viscosity not applicable

Relative vapour density determined not applicable

n air

Evaporation speed not applicable

Melting point [°C] not applicable

Autoignition temperature [°C] not applicable

Decomposition temperature [°C] not applicable

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9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed. Heat causes increase in pressure and risk of bursting.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting.

10.4 Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid temperatures above 50°C.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Flammable gases/vapours.



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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product	
ATE-mix, inhalativ (mist), > 5 mg/l/4h.	
ATE-mix, oral, > 2000 mg/kg.	

ATE-mix, oral, > 2000 mg/kg.		
Substance		
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-47-8		
LD50, dermal, Rat: > 5000 mg/kg bw.		
LD50, oral, Rat: > 5000 mg/kg bw.		
Sodium nitrite, CAS: 7632-00-0		
LD50, oral, Rat: 180 mg/kg.		
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6		
LD50, oral, Rat: > 5000 mg/kg (OECD 401).		
LC50, inhalative, > 1 - 5 mg/l/4h (34,5 % aqueous solution).		
LC50, inhalative, Rat: 0,05 - 0,5 mg/l (OECD 403).		
NOEL, oral, Rat: 30 mg/kg (90 d).		
Petroleum gases, liquefied (< 0,1% 1,3-butadiene), CAS: 68476-85-7		
LC50, inhalative, Rat: > 20 mg/l/4h.		
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4		
LD50, oral, Rat: 120 mg/kg.		
LC50, inhalative, Rat: 340 μg/m³ (4h).		
LC50, dermal, Rabbit: 242 mg/kg.		

Serious eye damage/irritation
Skin corrosion/irritation
Respiratory or skin sensitisation
Specific target organ toxicity —
single exposure
Specific target organ toxicity —
repeated exposure
Mutagenicity
Reproduction toxicity
Carcinogenicity
Aspiration hazard
General remarks

Based on the available information, the classification criteria are not fulfilled. Based on the available information, the classification criteria are not fulfilled. Based on the available information, the classification criteria are not fulfilled. Based on the available information, the classification criteria are not fulfilled.

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Toxicological data of complete product are not available.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.



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SECTION 12: Ecological information

12.1 Toxicity

Substance		
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-47-8		
LC50, Bacteria: > 100 mg/l.		
LC50, Algae: > 100 mg/l.		
LC50, fish: >100 mg/L.		
NOEC, fish: 0,1-1 mg/l.		
Sodium nitrite, CAS: 7632-00-0		
LC50, (96h), Oncorhynchus mykiss: 0,54-26,3 mg/l.		
EC50, (72h), Scenedesmus subspicatus: > 100 mg/l (OECD 201).		
EC50, (48h), Daphnia magna: 15,4 mg/l.		
Sodium N-Lauroyl Sarcosinate, CAS: 137-16-6		
LC50, (96h), Danio rerio: 107 mg/l (OECD 203).		
EC50, (48h), Daphnia magna: 29,7 mg/l (OECD 202).		
EbC50, (72h), Desmodesmus subspicatus: 39 mg/l (OECD 201).		
ErC50, (72h), Desmodesmus subspicatus: 79 mg/l (OECD 201).		
2-Methyl-2H-isothiazolin-3-one, CAS: 2682-20-4		
LC50, (48h), Invertebrates: 0,93 - 2,98 mg/L.		
LC50, (96h), Oncorhynchus mykiss: 4,77 mg/l.		
EC50, (96h), Algae: 72,5 - 103 μg/L.		

12.2 Persistence and degradability

Behaviour in environment

compartments

No information available.

Behaviour in sewage plant

No information available.

Biological degradability

EG 919-857-5: The product is readily biodegradable.

CAS 137-16-6: The product is readily biodegradable.

CAS 7632-00-0: The methods for determining the boilogical degradability are not applicable to

inorganic substances.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

not applicable

12.6 Other adverse effects

Ecological data of complete product are not available.

The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

Do not discharge product unmonitored into the environment or into the drainage.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Waste no. (recommended) 160504* gases in pressure containers (including halons) containing dangerous substances

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended) 150104

150110*

SECTION 14: Transport information

14.1 UN number

Transport by land according to

ADR/RID

1950

Inland navigation (ADN) 1950

Marine transport in accordance with

IMDG

Air transport in accordance with IATA 1950

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14.2 UN proper shipping name

Transport by land according to

ADR/RID

- Classification Code

- Label

5F

Aerosols

- ADR LQ

- ADR 1.1.3.6 (8.6) Transport category (tunnel restriction code) 2 (D)

Inland navigation (ADN) Aerosols
- Classification Code 5F

- Label



Marine transport in accordance with

IMDG

Aerosols

- EMS F-D, S-U

- Label

- IMDG LQ 1

Air transport in accordance with IATA Aerosols, flammable

- Label



14.3 Transport hazard class(es)

Transport by land according to 2

ADR/RID

Inland navigation (ADN) 2

Marine transport in accordance with 2.1

IMDG

Air transport in accordance with IATA 2.1

14.4 Packing group

Transport by land according to

ADR/RID

not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with n

IMDG

not applicable

Air transport in accordance with IATA not applicable



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14.5 Environmental hazards

Transport by land according to

ADR/RID

no

Inland navigation (ADN)

no

Marine transport in accordance with

IMDG

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

No information available.

SECTION 15: Regulatory information

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

EEC-REGULATIONS 1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008;

75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- Observe employment restrictions

for people

Observe employment restrictions for young people.

SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC)

No 1272/2008:

P3a FLAMMABLE AEROSOLS

- VOC (2010/75/CE) ca. 18 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H410 Very toxic to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.

H301+H311 Toxic if swallowed or in contact with skin.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H315 Causes skin irritation.

H330 Fatal if inhaled.

H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H301 Toxic if swallowed.

H272 May intensify fire; oxidiser.

H336 May cause drowsiness or dizziness.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H280 Contains gas under pressure; may explode if heated.

H220 Extremely flammable gas.



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16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level

EC50 = Median effective concentration ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

ELINCS = European List of Notified Chemical Substances

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC-Code = International Code for the Construction and Equipment of Ships carrying

Dangerous Chemicals in Bulk

IC50 = Inhibition concentration, 50%

IMDG = International Maritime Code for Dangerous Goods

IUCLID = International Uniform ChemicaL Information Database

LC50 = Lethal concentration, 50%

LD50 = Median lethal dose

LC0 = lethal concentration, 0%

LOAEL = lowest-observed-adverse-effect level

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

NOAEL = No Observed Adverse Effect Level NOEC = No Observed Effect Concentration

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

STP = Sewage Treatment Plant

TLV®/TWA = Threshold limit value – time-weighted average TLV®STEL = Threshold limit value – short-time exposure limit

VOC = Volatile Organic Compounds

vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Aerosol 1: H222 Extremely flammable aerosol. (Bridging principle "Aerosols") H229

Pressurised container: May burst if heated. (Bridging principle "Aerosols")



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Modified position

SECTION 2 been added: The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

SECTION 2 deleted: The product is classified and required to be labelled in accordance with EC-Directives

SECTION 7 been added: Do not spray on a naked flame or any incandescent material.

SECTION 7 been added: Avoid contact with eyes and skin. Use personal protective equipment.

SECTION 7 been added: Do not pierce or burn, even after use.

SECTION 7 been added: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C.

SECTION 7 deleted: Do not smoke.

SECTION 8 been added: Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

SECTION 9 deleted: not determined

SECTION 9 been added: No information available.

SECTION 11 been added: Based on the available information, the classification criteria are not fulfilled.

SECTION 11 deleted: not determined SECTION 12 deleted: not determined

SECTION 12 been added: No information available.

SECTION 12 been added: The methods for determining the boilogical degradability are not applicable to inorganic substances.

SECTION 12 been added: The product is readily biodegradable.

SECTION 15 been added: P3a FLAMMABLE AEROSOLS

SECTION 15 been added: SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC) No 1272/2008:

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