SAFETY DATA SHEET

Purple Rain - Autobrite Direct

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

1.1. Product identifier

Product name Purple Rain - Autobrite Direct

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

Identified uses Alloy Wheel Cleaner

Uses advised against This product is not recommended for any other purpose than stated above.

1.3. Details of the supplier of the safety data sheet

Supplier

Autobrite Direct Limited
Unit 802, Centre 500
Lowfield Drive
Wolstanton
Newcastle-Under-Lyme
Staffordshire
ST5 0UU
01782 623819
autobritedirect@gmail.com

1.4. Emergency telephone number

Emergency telephone As Above - Opening Hours 9 am - 4 pm (Monday - Friday)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Sens. 1 - H317

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

R43

2.2. Label elements

Pictogram

Signal word Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing vapour/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with national regulations.

Purple Rain - Autobrite Direct

Contains Sodium Mercaptoacetate

Detergent labelling < 5% non-ionic surfactants

Supplementary precautionary statements

P272 Contaminated work clothing should not be allowed out of the workplace.

P321 Specific treatment (see medical advice on this label).

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Sodium Mercaptoacetate **10-30%**

CAS number: — EC number: —

Classification	Classification (67/548/EEC or 1999/45/EC)
Met. Corr. 1 - H290	Xn;R21/22. R43.
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Skin Sens. 1 - H317	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Take off contaminated clothing and shoes immediately.

Inhalation

If inhaled, remove to fresh air. Oxygen, if needed. If symptoms persist, call a physician.

Ingestion

Rinse mouth thoroughly with water. If conscious, give the victim plenty of water to drink. Induce vomiting immediately and call a physician. Hold person's head low, to prevent aspiration (inhalation into the windwipe). If accidentally swallowed obtain immediate medical attention.

Skin contact

Wash immediately with plenty of water.

Eye contact

Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

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

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

Irritation causing coughing. Possible resorption by mucous membrane.

Ingestion

Headache. Dizziness. Tiredness. Stomach and intestinal symptoms.

Skin contact

Irritation, sensitization.

Eye contact

Conjunctivitis.

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

Notes for the doctor

This substance is a toxic and neutral (ph) salt.
Elimination is therefore the main aim of treatment.
Irritated areas of skin can be treated with corticosteroids.
Due to its non-corrosive nature, elimination can be achieved through immediate vomiting or irrigation of the stomach if the chemical is ingested. It is helpful to give the person powdered carbon afterwards.
Take preventative measures against aspiration (intubation if necessary).
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Carbon dioxide (CO_2). Foam. Water spray.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Hazardous combustion products

Exposure to decomposition products may be a hazard to health.
Hazardous decomposition products formed under fire conditions:
Nitrogen oxides (NOx)
Carbon monoxide
Sulphur oxides

5.3. Advice for firefighters

Protective actions during firefighting

Use water spray to cool unopened containers.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Prevent fire extinguishing water from contaminating surface water or the ground water system.

Special protective equipment for firefighters

In the event of a fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin and eyes. For personal protection, see Section 8. Ensure adequate ventilation.
Evacuate personnel to safe areas.
Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Environmental precautions

Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. To prevent release, place container with damaged side up. Must not get into the soil, sewerage systems and surface water.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, saw-dust).
Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

Purple Rain - Autobrite Direct

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Good personal hygiene procedures should be implemented. Use only in area provided with appropraite exhaust ventilation.
Handle and open container with care.
Avoid contact with skin and eyes.
Ensure that eye flushing systems and safety showers are located close to the working place.
Smoking, eating and drinking should be prohibited in the application area.
Exposure controls. Advice on protection against fire and explosion:
Avoid overheating.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store at room temperature in the original container.
Store between 5 and 25 degrees C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Containers of polyethylene, polypropylene stove-enamelled steel, glass.
Use PTFE seals. Further information on storage conditions:
Store in accordance with the particular national regulations.

Advice on common storage: Keep away from oxidising agents and strongly acid or alkaline materials. Keep away from food, drink and animal feedingstuffs.

Storage class

Chemical storage.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient comments

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

Ensure adequate ventilation of the working area.

Eye/face protection

Tightly fitting safety goggles.
Wear eye/face protection.

Hand protection

The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Protective gloves:

Nitrile latex / Layer thickness 0,4mm / Break through time > 480 min (level 6) / EN 374

Polychloroprene / Layer thickness 0,4mm / Break through time > 480min (level 6) / EN 37403

General recommendation: the usage time for protective gloves is approx. 50% of the breakthrough time measured in the

laboratory.

Other skin and body protection

Wear closed work/protective clothing. When filling and refilling outside a closed system, additionally put on aprons made of polyethylene (PE).

Hygiene measures

Wash hands before breaks and at the end of workday.
Preventive skin protection
General industrial hygiene practice
Keep working clothes separately
Take off contaminated clothing and shoes immediately.
Do not eat, drink or smoke when using this product.
Avoid contact with the skin and the eyes.
Regular cleaning of equipment, work area and clothing.
Ensure adequate ventilation, especially in confined areas.
Handle in accordance with good industrial hygiene and safety practice.
Exposure contols

Respiratory protection

In the case of insufficient exhaustion/ventilation, suitable respiratory equipment should be used.
Recommended Filter type:
gas filter type A
Follow the instructions for use issued by the producer.

Environmental exposure controls

Must not get into the soil, sewerage systems and surface water. In the event of contamination, notify the responsible authorities.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Clear liquid.

Colour

Colourless. Purple.

Odour

Characteristic.

pH

pH (concentrated solution): ~5

Relative density

~ 1

Solubility(ies)

Soluble in water.

9.2. Other information

Other information

No relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available

10.2. Chemical stability

Stability

No information available.

10.3. Possibility of hazardous reactions

Not available.

Purple Rain - Autobrite Direct

10.4. Conditions to avoid

Avoid heat.

10.5. Incompatible materials

Materials to avoid

Incompatible with oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg)

2,008.03212851

Acute toxicity - dermal

ATE dermal (mg/kg)

8032.12851406

General information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version: Harmful

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

Harmful if swallowed.

Skin contact

Harmful in contact with skin. May cause sensitisation by skin contact.

Eye contact

Irritating to eyes. May cause severe eye irritation.

Acute and chronic health hazards

Product has a defatting effect on skin.

Route of entry

Ingestion. Skin and/or eye contact

Medical symptoms

No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Medical considerations

Skin disorders and allergies.

Toxicological information on ingredients.

Sodium Mercaptoacetate

Toxicological effects

Acute Toxicity:
Oral: LD50: 200-500 mg/kg
Species: Rat
Method: OECD 423
Test substance: Sodium Thioglycolate 46%
Dermal Toxicity: LD50L 1.000-2.000 mg/kg
Species: Rat
Method: OECD 402
Test substance: Sodium thioglycolate 98%

Purple Rain - Autobrite Direct

Acute toxicity - oral

Acute toxicity oral (LD_{50} mg/kg)

500.0

Species

Rat

ATE oral (mg/kg)

500.0

Acute toxicity - dermal

Acute toxicity dermal (LD_{50} mg/kg)

2000.0

Species

Rat

ATE dermal (mg/kg)

2000.0

Skin corrosion/irritation

Animal data

Skin irritation:
Result: Irritating
Species: Rabbit
Method: OECD 404
Test substance: sodium thioglycolate 98%
Remarks: result not relevant to classification

Serious eye damage/irritation

Eye irritation:
Result: Mild eye irritation
Species: rabbit
Method: OECD 405
Test substance: sodium thioglycolate 98%

Skin sensitisation

May cause sensitisation by skin contact. Sensitisation:
Result: Causes sensitisation
Species: mouse
Method: OECD 429
Test substance: sodium thioglycolate 98%

Reproductive toxicity

Reproductive toxicity - fertility

Reproductive toxicity:
Species: rat
Method: OECD 421
Test sustance: sodium thioglycolate 98%
Note: NOAEL = 20 mg/kg/day

Species: rat
Method: OECD Test Guideline 416
Test substance: sodium thioglycolate 98%
Note: NOAEL = 20 mg/kg/day

SECTION 12: Ecological Information

Ecotoxicity

Not classified as dangerous to the environment.

12.1. Toxicity

Purple Rain - Autobrite Direct

Ecological information on ingredients.

Sodium Mercaptoacetate

Toxicity to fish:
LC50 (48h): 880 mg/l
Species: Leuciscus idus
Method: DIN 38412 / 15

LC50: (96 h): >100 mg/l
Species: Oncorhynchus mykiss
Method: OECD 203

Toxicity to daphnia:
EC50 (48 h): 38 mg/l
Species: Daphnia magna
Method: 84/449/EEC

Toxicity to algae:
EC50 (72 h): 13 mg/l
Species: Pseudokirchneriella subcapitata
Method: OECD 201

NOTE: All above test substance: thioglycolic acid

12.2. Persistence and degradability

Persistence and degradability

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Ecological information on ingredients.

Sodium Mercaptoacetate

Persistence and degradability

The product is easily biodegradable. Biodegradability:
Result: Biodegradable (100% / 14 d)
Method: OECD 301C
Test substance: thioglycolic acid

Result: Biodegradable (70% / 14 d)
Method: OECD 301D
Test substance: thioglycolic acid
Note: The 10 day time window criterion is not fulfilled

Result: Readily biodegradable (67% / 28 d)
Method: OECD 301D
Test substance: thioglycolic acid

Result: According to the results of tests of biodegradability this product is readily biodegradable.

12.3. Bioaccumulative potential

Ecological information on ingredients.

Sodium Mercaptoacetate

Partition coefficient: n-octanol/water:log Pow: -2,99 at 20 degrees CMethod: OECD Test Guideline 107Note: thioglycolid acidBioaccumulation: Remarks: No evidence of bioaccumulation (log pOW)

12.4. Mobility in soil

Purple Rain - Autobrite Direct

Ecological information on ingredients.

Sodium Mercaptoacetate

Mobility

No supplementary information available.

12.5. Results of PBT and vPvB assessment

Ecological information on ingredients.

Sodium Mercaptoacetate

No additional information available.

12.6. Other adverse effects

Not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

The packaging must be empty (drop-free when inverted).

Disposal methods

Waste from residues / unused products:
Can be incinerated, when in compliance with local regulations.
Avoid release to the environment.
This material and its container must be disposed of as hazardous waste.

Disposal of contaminated packaging:
This material and its container must be disposed of as hazardous waste.

Suitable cleaning agents:
Water

Waste Code:
16 05 08: discarded organic chemicals consisting of or containing dangerous substances.

Additional advice:
The allocation of waste key numbers must be conducted according to specific industrial sectors and processes.
Above-mentioned waste code number is valid for the unused product.
Obtain approval of the relevant authorities before discharging into a sewage treatment plant.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

14.1. UN number

No information required.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

No information required.

ADR/RID packing group

14.5. Environmental hazards

Purple Rain - Autobrite Direct

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Not applicable.

SECTION 15: Regulatory information

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

National regulations

Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments.

EU legislation

Dangerous Preparations Directive 1999/45/EC. 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) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. Approved Classification and Labelling Guide (Sixth edition) L131.

Health and environmental listings

Regulation (EC) 689/2008 of the European Parliament and of the Council of 17 June 2008 concerning the export and import of dangerous chemicals (as amended).

Water hazard classification

WGK 1

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

PLEASE NOTE: The risk phrases itemised below are those relating to concentrated forms of the raw materials used in this product and are not necessarily applicable to the finished item. Please see Section 2 for the current classification of this product.

Revision date	11/05/2015
Revision	2
Supersedes date	23/02/2015
Risk phrases in full	
	R36/38 Irritating to eyes and skin.
Hazard statements in full	
	H290 May be corrosive to metals.
	H302 Harmful if swallowed.
	H312 Harmful in contact with skin.
	H317 May cause an allergic skin reaction.

Purple Rain - Autobrite Direct

Disclaimer

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