



Safety Data Sheet

according to Regulation (EC) No. 1907/2006
(REACH)

A1+ Pure Compound Plus

version number GHS 9.0.

revision 2018-09-20.

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

- 1.1 Product identifier**
Trade name A1+ Pure Compound Plus
Registration number (REACH) Not relevant (mixture)
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Relevant identified uses Vehicle polishing compound
- 1.3 Details of the supplier of the safety data sheet**
B&B Blending, LLC
10963 Leroy Drive
Northglenn
CO 80233
United States
- telephone
1.800.875.6320, 1.303.289.6320
e-mail: info@bbblending.com
website
bbblending.com
e-mail (competent person) Btirrell@bbblending.com
(Beth Tirrell)
- 1.4 Emergency telephone number**
Emergency information service USA 1.800.535.5053, INTL 1.352.323.3500
24 hour emergency number

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture**
Classification according to Regulation (EC) No 1272/2008 (CLP)

| Section | Hazard class | Cat-egory | Hazard class and category | Hazard state-ment |
|---------|---|-----------|---------------------------|-------------------|
| 3.3 | Serious eye damage/eye irritation | 2 | Eye Irrit. 2 | H319 |
| 3.4S | Skin sensitisation | 1 | Skin Sens. 1 | H317 |
| 3.6 | Carcinogenicity | 2 | Carc. 2 | H351 |
| 4.1C | Hazardous to the aquatic environment - chronic hazard | 3 | Aquatic Chronic 3 | H412 |

For full text of abbreviations: see SECTION 16

The most important adverse physicochemical, human health and environmental effects

Spillage and fire water can cause pollution of watercourses.

- 2.2 Label elements**
Labelling according to Regulation (EC) No 1272/2008 (CLP)

Signal word Warning

Pictograms

GHS07, GHS08





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Hazard statements

- H317** May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

- P261** Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous ingredients for labelling

CMIT/MIT mixture
Polyvinylpyrrolidone

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Description of the mixture

| Hazardous ingredients acc. to GHS | | | | |
|---|---|----------|---|--------|
| Name of substance | Identifier | Wt% | Classification acc. to GHS | Notes |
| Solvent naphtha (petroleum), heavy aromatic, ND | CAS No 64742-94-5 EC No 265-198-5 | 3 - < 12 | Acute Tox. 3 / H331 Skin Irrit. 2 / H315 STOT SE 3 / H336 Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411 | |
| Distillates (petroleum), hydro-treated light | CAS No 64742-47-8 EC No 920-901-0 927-676-8 | 1 - < 3 | Asp. Tox. 1 / H304 Aquatic Chronic 2 / H411 | GHS-HC |
| Solvent naphtha (petroleum), heavy aliph. | CAS No 64742-96-7 EC No 265-200-4 | 1 - < 3 | Asp. Tox. 1 / H304 | |
| Distillates (petroleum), hydro-treated heavy naphthenic | CAS No 64742-52-5 EC No 265-155-0 | 1 - < 3 | Acute Tox. 4 / H332 Asp. Tox. 1 / H304 | |



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| Hazardous ingredients acc. to GHS | | | | |
|---|--|--------|---|--------|
| Name of substance | Identifier | Wt% | Classification acc. to GHS | Notes |
| Polyvinylpyrrolidone | CAS No 9003-39-8 88-12-0 EC No 201-800-4 | 1 - <3 | Acute Tox. 4 / H302 Acute Tox. 4 / H312 Acute Tox. 4 / H332 Eye Dam. 1 / H318 Carc. 2 / H351 STOT SE 3 / H335 STOT RE 2 / H373 | |
| Distillates (petroleum), hydro-treated light naphthenic | CAS No 64742-53-6 EC No 265-156-6 | 1 - <3 | Acute Tox. 4 / H332 Asp. Tox. 1 / H304 | |
| CMIT/MIT mixture | CAS No 55965-84-9 EC No 911-418-6 | <0.1 | Acute Tox. 3 / H301 Acute Tox. 3 / H311 Acute Tox. 3 / H331 Skin Corr. 1B / H314 Eye Dam. 1 / H318 Skin Sens. 1 / H317 Aquatic Acute 1 / H400 Aquatic Chronic 1 / H410 | GHS-HC |

Notes

GHS-HC:Harmonised classification (the classification of the substance corresponds to the entry in the list according to 1272/2008/EC, Annex VI)

For full text of abbreviations: see SECTION 16

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none



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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray. BC-powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NO_x). Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

6.3 Methods and material for containment and cleaning up

Advices on how to contain a spill

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). collect spillage
sawdust
kieselgur (diatomite)
sand
universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.



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Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feed-stuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Protect against external exposure, such as

Frost.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) | | | | | | | | |
|--|------------------|-----------|------------|-----------|--------------------------|------------|---------------------------|-----------|
| Country | Name of agent | CAS No | Identifier | TWA [ppm] | TWA [mg/m ³] | STEL [ppm] | STEL [mg/m ³] | Source |
| GB | aluminium oxides | 1344-28-1 | WEL | | 10 | | | EH40/2005 |
| GB | aluminium oxides | 1344-28-1 | WEL | | 4 | | | EH40/2005 |

Notation

STEL Short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

| Relevant DNELs of components of the mixture | | | | | | |
|---|----------------------|----------|-----------------------|------------------------------------|-------------------|----------------------------|
| Name of substance | CAS No | Endpoint | Threshold level | Protection goal, route of exposure | Used in | Exposure time |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | DNEL | 0.1 mg/m ³ | human, inhalatory | worker (industry) | chronic - systemic effects |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | DNEL | 0.4 mg/m ³ | human, inhalatory | worker (industry) | acute - systemic effects |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | DNEL | 0.3 mg/m ³ | human, inhalatory | worker (industry) | chronic - local effects |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | DNEL | 0.4 mg/m ³ | human, inhalatory | worker (industry) | acute - local effects |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | DNEL | 0.014 mg/kg bw/day | human, dermal | worker (industry) | chronic - systemic effects |

Relevant PNECs of components of the mixture

| Name of substance | CAS No | Endpoint | Threshold level | Organism | Environmental compartment | Exposure time |
|--|------------|----------|-----------------|-----------------|---------------------------|------------------------------|
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | PNEC | 9.33 mg/kg | (top) predators | water | short-term (single instance) |



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| Relevant PNECs of components of the mixture | | | | | | |
|--|----------------------|-----------|-----------------|-----------------------|------------------------------|------------------------------|
| Name of substance | CAS No | End-point | Threshold level | Organism | Environmental compartment | Exposure time |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | PNEC | 9.33 mg/kg | aquatic organisms | water | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 0.045 mg/l | aquatic organisms | freshwater | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 0.004 mg/l | aquatic organisms | marine water | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 3,373 mg/l | aquatic organisms | sewage treatment plant (STP) | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 0.22 mg/kg | aquatic organisms | freshwater sediment | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 0.02 mg/kg | aquatic organisms | marine sediment | short-term (single instance) |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | PNEC | 0.017 mg/kg | terrestrial organisms | soil | short-term (single instance) |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | PNEC | 9.33 mg/kg | (top) predators | water | short-term (single instance) |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | PNEC | 9.33 mg/kg | aquatic organisms | water | short-term (single instance) |

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.



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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

| | |
|----------------|-------------------|
| Physical state | Liquid Viscous |
| Colour | Off-white |
| Odour | Characteristic |

Other safety parameters

| | |
|---|-----------------------|
| PH (value) | 8 - 9 (25 °C) |
| Melting point/freezing point | Not determined |
| Initial boiling point and boiling range | 100 °C |
| Flash point | >100 °C at 101.3 kPa |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not relevant Fluid |

Explosive limits

| | |
|-----------------------------|--|
| Lower explosion limit (LEL) | 0.6 vol% |
| Upper explosion limit (UEL) | 5.9 vol% |
| Vapour pressure | 31.69 hPa at 25 °C |
| Density | 1.19 g/cm ³ 9.94lbs/US Gal |
| Vapour density | This information is not available |
| Solubility(ies) | Not determined |

Partition coefficient

| | |
|-----------------------------|-----------------------------------|
| - n-octanol/water (log KOW) | This information is not available |
| Auto-ignition temperature | 215 °C |

Viscosity

| | |
|---------------------|------------------------------------|
| Kinematic viscosity | 10,084 mm ² /s at 25 °C |
| Dynamic viscosity | 12,000 cP at 25 °C |



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| | |
|-----------------------------|------|
| Explosive properties | None |
| Oxidising properties | None |

9.2 Other information

| | |
|---|--|
| Temperature class (EU, acc. to ATEX) | T3 Maximum permissible surface temperature on the equipment: 200 °C |
|---|--|

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity

Shall not be classified as acutely toxic.

| Acute toxicity estimate (ATE) of components of the mixture | | | |
|--|----------------------|-----------------------|--------------|
| Name of substance | CAS No | Exposure route | ATE |
| Solvent naphtha (petroleum), heavy aromatic, ND | 64742-94-5 | inhalation: vapour | 5.28 mg/l/4h |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | inhalation: vapour | 11 mg/l/4h |
| Distillates (petroleum), hydrotreated heavy naphthenic | 64742-52-5 | inhalation: dust/mist | 2.18 mg/l/4h |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | oral | 500 mg/kg |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | dermal | 1,100 mg/kg |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | inhalation: dust/mist | 3.07 mg/l/4h |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | inhalation: vapour | 11 mg/l/4h |



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| Acute toxicity estimate (ATE) of components of the mixture | | | |
|--|------------|-----------------------|--------------------------|
| Name of substance | CAS No | Exposure route | ATE |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | inhalation: dust/mist | 2.18 mg _i /4h |
| CMIT/MIT mixture | 55965-84-9 | oral | 100 mg _i /kg |
| CMIT/MIT mixture | 55965-84-9 | dermal | 300 mg _i /kg |
| CMIT/MIT mixture | 55965-84-9 | inhalation: vapour | 3 mg _i /4h |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

| Aquatic toxicity (chronic) of components of the mixture | | | | | |
|---|----------------------|----------|--------------------------|-----------------------|---------------|
| Name of substance | CAS No | Endpoint | Value | Species | Exposure time |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | LL50 | 17 mg _i /l | fish | 24 h |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | EL50 | 4.6 mg _i /l | aquatic invertebrates | 24 h |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | EC50 | 4,812 mg _i /l | microorganisms | 17 h |

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.



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| Bioaccumulative potential of components of the mixture | | | | |
|--|----------------------|-----|-------------|----------|
| Name of substance | CAS No | BCF | Log KOW | BOD5/COD |
| Distillates (petroleum), hydrotreated light | 64742-47-8 | | >4 | |
| Polyvinylpyrrolidone | 9003-39-8 88-12-0 | | 0.4 (25 °C) | |
| CMIT/MIT mixture | 55965-84-9 | | 0.71 – 0.75 | |

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Endocrine disrupting potential

None of the ingredients are listed.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number

Not subject to transport regulations

14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

None

14.4 Packing group

Not relevant

14.5 Environmental hazards

Non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

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

The cargo is not intended to be carried in bulk.

14.8 Information for each of the UN Model Regulations

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN)

Not subject to ADR, RID and ADN.

International Maritime Dangerous Goods Code (IMDG)

Not subject to IMDG.



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International Civil Aviation Organization (ICAO-IATA/DGR)

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU) Restrictions according to REACH, Annex XVII

| Dangerous substances with restrictions (REACH, Annex XVII) | | | | | |
|--|--|--------|-------------------------|-------------|----|
| Name of substance | Name acc. to inventory | CAS No | Type of registration | Restriction | No |
| A1+ Pure Compound Plus | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Distillates (petroleum), hydro-treated light | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Solvent naphtha (petroleum), heavy aliph. | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Distillates (petroleum), hydro-treated heavy naphthenic | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Distillates (petroleum), hydro-treated light naphthenic | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Solvent naphtha (petroleum), heavy aromatic, ND | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| Polyvinylpyrrolidone | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |
| CMIT/MIT mixture | this product meets the criteria for classification in accordance with Regulation No 1272/2008/EC | | 1907/2006/EC annex XVII | R3 | 3 |

Legend

- R3
- Shall not be used in:
 - ornamental articles intended to produce light or colour effects by means of different phases, for example in ornamental lamps and ashtrays,
 - tricks and jokes,
 - games for one or more participants, or any article intended to be used as such, even with ornamental aspects,
 - Articles not complying with paragraph 1 shall not be placed on the market.
 - Shall not be placed on the market if they contain a colouring agent, unless required for fiscal reasons, or perfume, or both, if they:
 - can be used as fuel in decorative oil lamps for supply to the general public, and,
 - present an aspiration hazard and are labelled with R65 or H304,
 - Decorative oil lamps for supply to the general public shall not be placed on the market unless they conform to the European Standard on Decorative oil lamps (EN 14059) adopted by the European Committee for Standardisation (CEN).
 - Without prejudice to the implementation of other Community provisions relating to the classification, packaging and labelling of dangerous substances and mixtures, suppliers shall ensure, before the placing on the market, that the following requirements are met:
 - lamp oils, labelled with R65 or H304, intended for supply to the general public are visibly, legibly and indelibly marked as follows: 'Keep lamps filled with this liquid out of the reach of children'; and, by 1 December 2010, 'Just a sip of lamp oil - or even sucking the wick of lamps - may lead to life-threatening lung damage';
 - grill lighter fluids, labelled with R65 or H304, intended for supply to the general public are legibly and indelibly marked by 1 December 2010 as follows: 'Just a sip of grill lighter may lead to life threatening lung damage';
 - lamp oils and grill lighters, labelled with R65 or H304, intended for supply to the general public are packaged in black opaque containers not exceeding 1 litre by 1 December 2010.
 - No later than 1 June 2014, the Commission shall request the European Chemicals Agency to prepare a dossier, in accordance with Article 69 of the present Regulation with a view to ban, if appropriate, grill lighter fluids and fuel for decorative lamps, labelled R65 or H304, intended for supply to the general public.
 - Natural or legal persons placing on the market for the first time lamp oils and grill lighter fluids, labelled with R65 or H304, shall by 1 December 2011, and annually thereafter, provide data on alternatives to lamp oils and grill lighter fluids labelled R65 or



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Legend

H304 to the competent authority in the Member State concerned. Member States shall make those data available to the Commission.

List of substances subject to authorisation (REACH, Annex XIV)/SVHC - candidate list

none of the ingredients are listed

Deco-Paint Directive (2004/42/EC)

| | |
|-------------|---------|
| VOC content | 22.05 % |
|-------------|---------|

Directive on industrial emissions (VOCs, 2010/75/EU)

| | |
|-------------|---------|
| VOC content | 19.05 % |
|-------------|---------|

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) - Annex II

none of the ingredients are listed

Regulation 166/2006/EC concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Directive 2000/60/EC establishing a framework for Community action in the field of water policy (WFD)

none of the ingredients are listed

15.2 Chemical Safety Assessment

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

SECTION 16: Other information

Indication of changes (revised safety data sheet)

| Section | Former entry (text/value) | Actual entry (text/value) | Safety-relevant |
|---------|---|--|-----------------|
| 4.1 | Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. | Following eye contact: Remove contact lenses, if present and easy to do. Continue rinsing. | yes |
| 14.1 | UN number: Not required Not subject to transport regulations | UN number: Not subject to transport regulations | yes |

Abbreviations and acronyms

| Abbr. | Descriptions of used abbreviations |
|-----------------|---|
| Acute Tox. | Acute toxicity |
| ADN | Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways) |
| ADR | Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road) |
| Aquatic Acute | Hazardous to the aquatic environment - acute hazard |
| Aquatic Chronic | Hazardous to the aquatic environment - chronic hazard |
| Asp. Tox. | Aspiration hazard |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |



Safety Data Sheet

according to Regulation (EC) No. 1907/2006
(REACH)

A1+ Pure Compound Plus

version number GHS 9.0.

revision 2018-09-20.

| Abbr. | Descriptions of used abbreviations |
|-------------|---|
| BOD | Biochemical Oxygen Demand |
| Carc. | Carcinogenicity |
| CAS | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances) |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures |
| COD | Chemical oxygen demand |
| DGR | Dangerous Goods Regulations (see IATA/DGR) |
| DNEL | Derived No-Effect Level |
| EC No | The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union) |
| EH40/2005 | EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/) |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| Eye Dam. | Seriously damaging to the eye |
| Eye Irrit. | Irritant to the eye |
| GHS | "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations |
| IATA | International Air Transport Association |
| IATA/DGR | Dangerous Goods Regulations (DGR) for the air transport (IATA) |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods Code |
| log KOW | n-Octanol/water |
| MARPOL | International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant") |
| NLP | No-Longer Polymer |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No-Effect Concentration |
| ppm | Parts per million |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals |
| RID | Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail) |
| Skin Corr. | Corrosive to skin |
| Skin Irrit. | Irritant to skin |
| Skin Sens. | Skin sensitisation |
| STEL | Short-term exposure limit |
| STOT RE | Specific target organ toxicity - repeated exposure |
| STOT SE | Specific target organ toxicity - single exposure |
| SVHC | Substance of Very High Concern |
| TWA | Time-weighted average |
| VOC | Volatile Organic Compounds |



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| Abbr. | Descriptions of used abbreviations |
|-------|--|
| vPvB | Very Persistent and very Bioaccumulative |
| WEL | Workplace exposure limit |

Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures. Regulation (EC) No. 1907/2006 (REACH), amended by 2015/830/EU.

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties. The classification is based on tested mixture.

Health hazards. Environmental hazards. The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

| Code | Text |
|------|--|
| H301 | Toxic if swallowed. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H311 | Toxic in contact with skin. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |
| H351 | Suspected of causing cancer. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H400 | Very toxic to aquatic life. |
| H410 | Very toxic to aquatic life with long lasting effects. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.