

Trade name: Orange Power**Product no.:** 192999**Current version :** 1.0.0, issued: 22.10.2020**Replaced version: -, issued: -****Region:** IE**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name

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

Cleaner

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet**Address**

Koch-Chemie GmbH

Einsteinstr. 42

D-59423 Unna

Telephone no. +49-2303-9 86 70-0

Fax no. +49-2303-9 86 70-26

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

+353 1 809 2166 (National Poisons Information Centre)

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Flam. Liq. 3; H226

Asp. Tox. 1; H304

Skin Irrit. 2; H315

Eye Dam. 1; H318

Skin Sens. 1; H317

Aquatic Chronic 2; H411

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

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

GHS02



GHS05



GHS07



GHS08



GHS09

Signal word

Danger

Hazardous component(s) to be indicated on label:

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Orange, sweet, ext.
Hydrocarbons, C11-C14, isoalkanes, <2% aromatics
2-propylheptane-1-ol, ethoxylated

Hazard statement(s)

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide to extinguish.
P391 Collect spillage.

2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Hazardous ingredients**

| No | Substance name | | Additional information | |
|----|--|---|------------------------|-----|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration | % |
| 1 | Orange, sweet, ext. | | | |
| | 8028-48-6 232-433-8 - 01-2119493353-35 | Asp. Tox. 1; H304 Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Chronic 2; H411 | >= 25,00 - < 50,00 | wt% |
| 2 | Hydrocarbons, C11-C14, isoalkanes, <2% aromatics | | | |
| | - 927-285-2 - 01-2119480162-45 | Asp. Tox. 1; H304 EUH066 | >= 25,00 - < 50,00 | wt% |
| 3 | propan-2-ol | | | |
| | 67-63-0 | Eye Irrit. 2; H319 | >= 10,00 - < 25,00 | wt% |

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| | | | | |
|---|---|--|--------|-----|
| | 200-661-7 603-117-00-0 01-2119457558-25 | Flam. Liq. 2; H225 STOT SE 3; H336 | | |
| 4 | 2-propylheptane-1-ol, ethoxylated | | | |
| | 160875-66-1 - - - | Eye Dam. 1; H318 Acute Tox. 4; H302 | < 5,00 | wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. Do not use mouth-to-mouth or mouth-to-nose resuscitation.

After skin contact

Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get immediate ophthalmic treatment.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting - aspiration hazard. Never give anything by mouth to an unconscious person. Call a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed**Effects**

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing media**

Water spray jet; Alcohol-resistant foam; Carbon dioxide; Dry chemical extinguisher

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO); Toxic gases/vapours

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear full protective suit. Run-off water from fire fighting must not be discharged into drains or enter surface water. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

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Refer to protective measures listed in sections 7 and 8. Use personal protective clothing. Keep away from ignition sources.

For emergency responders

Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil. In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing. Have emergency shower available. Provide eye wash fountain in work area.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion-proof equipment/fittings and non-sparking tools.

7.2 Conditions for safe storage, including any incompatibilities**Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

Requirements for storage rooms and vessels

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

Substances to be avoided, see section 10.

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Occupational exposure limit values**

| No | Substance name | CAS no. | EC no. |
|--|---|---------|-----------|
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| List of Chemical Agents and Occupational Exposure Limit Values (Code of Practice) | | | |
| | Isopropyl alcohol | | |
| | WEL short-term (15 min reference period) | | 400 ppm |
| | WEL long-term (8-hr TWA reference period) | | 200 ppm |
| | Comments | Sk | |

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DNEL, DMEL and PNEC values**DNEL values (worker)**

| No | Substance name | | | CAS / EC no |
|----|---------------------|---------------------|----------|--------------------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | Orange, sweet, ext. | | | 8028-48-6 232-433-8 |
| | dermal | Short term (acut) | local | 185,8 µg/cm ² |
| | dermal | Long term (chronic) | systemic | 8,89 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 31,1 mg/m ³ |
| 2 | propan-2-ol | | | 67-63-0 200-661-7 |
| | dermal | Long term (chronic) | systemic | 888 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 500 mg/m ³ |

DNEL value (consumer)

| No | Substance name | | | CAS / EC no |
|----|---------------------|---------------------|----------|--------------------------------------|
| | Route of exposure | Exposure time | Effect | Value |
| 1 | Orange, sweet, ext. | | | 8028-48-6 232-433-8 |
| | oral | Long term (chronic) | systemic | 4,44 mg/kg/day |
| | dermal | Short term (acut) | local | 92,9 µg/cm ² |
| | dermal | Long term (chronic) | systemic | 4,44 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 7,78 mg/m ³ |
| 2 | propan-2-ol | | | 67-63-0 200-661-7 |
| | oral | Long term (chronic) | systemic | 26 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 319 mg/kg/day |
| | inhalative | Long term (chronic) | systemic | 89 mg/m ³ |

PNEC values

| No | Substance name | | CAS / EC no |
|----|-------------------------|-----------------------|--------------------------------------|
| | ecological compartment | Type | Value |
| 1 | Orange, sweet, ext. | | 8028-48-6 232-433-8 |
| | water | fresh water | 5,4 µg/L |
| | water | marine water | 0,54 µg/L |
| | water | Aqua intermittent | 5,77 µg/L |
| | water | fresh water sediment | 1,3 mg/kg dry weight |
| | water | marine water sediment | 0,13 mg/kg dry weight |
| | soil | - | 0,261 mg/kg dry weight |
| | sewage treatment plant | - | 2,1 mg/L |
| | secondary poisoning | - | 13,3 mg/kg food |
| 2 | propan-2-ol | | 67-63-0 200-661-7 |
| | water | fresh water | 140,9 mg/L |
| | water | Aqua intermittent | 140,9 mg/L |
| | water | marine water | 140,9 mg/L |
| | water | fresh water sediment | 552 mg/L |
| | water | marine water sediment | 552 mg/L |
| | soil | - | 28 mg/kg |
| | sewage treatment plant | - | 2251 mg/L |
| | secondary poisoning | - | 160 mg/kg |
| | with reference to: food | | |

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8.2 Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified. Filter A or environment-independent breathing apparatus.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific workstation suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

| | | | |
|----------------------|------------------------|-----|-----|
| Appropriate Material | nitrile | | |
| Appropriate Material | Fluoro elastomer (FKM) | | |
| Appropriate Material | viton | | |
| Material thickness | > | 0,4 | mm |
| Breakthrough time | > | 120 | min |

Other

Chemical-resistant work clothes.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|-------|
| Form/Colour | |
| liquid | |
| colourless | |
| Odour | |
| orange-like | |
| Odour threshold | |
| No data available | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| No data available | |
| Melting point / melting range | |
| No data available | |
| Decomposition point / decomposition range | |
| No data available | |
| Flash point | |
| Value | 46 °C |
| Auto-ignition temperature | |

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| | | | |
|--|-----------------------|-------------------|--------------------|
| No data available | | | |
| Oxidising properties | | | |
| not oxidizing | | | |
| Explosive properties | | | |
| This product is not explosive. In and after use danger of production of inflammable compounds. | | | |
| Flammability (solid, gas) | | | |
| No data available | | | |
| Lower flammability or explosive limits | | | |
| No data available | | | |
| Upper flammability or explosive limits | | | |
| No data available | | | |
| Vapour pressure | | | |
| No data available | | | |
| Vapour density | | | |
| No data available | | | |
| Evaporation rate | | | |
| No data available | | | |
| Relative density | | | |
| No data available | | | |
| Density | | | |
| Value | 0,85 | g/cm ³ | |
| Reference temperature | 20 | °C | |
| Solubility in water | | | |
| Comments | immiscible | | |
| Solubility(ies) | | | |
| No data available | | | |
| Partition coefficient: n-octanol/water | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| log Pow | 2,78 | - | 4,88 |
| Method | QSAR | | |
| Source | ECHA | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| log Pow | | 0,05 | |
| Reference temperature | | 25 | °C |
| Source | ECHA | | |
| Viscosity | | | |
| Value | < | 7 | mm ² /s |
| Reference temperature | | 40 | °C |
| Type | kinematic | | |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable at ambient temperature.

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10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Static discharges.

10.5 Incompatible materials

strong acids; Alkalis; Oxidizing agents

10.6 Hazardous decomposition products

None, if handled according to intended use.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

| Acute oral toxicity (result of the ATE calculation for the mixture) | |
|---|---|
| No | Product Name |
| 1 | Orange Power |
| Comments | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg). |

| Acute oral toxicity | | | |
|---------------------------|---|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| LD50 | > | 5000 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| LD50 | > | 5840 | mg/kg bodyweight |
| Species | rat | | |
| Method | OECD 401 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |

| Acute dermal toxicity | | | |
|-----------------------|---------------------|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| LD50 | > | 5000 | mg/kg bodyweight |
| Species | rabbit | | |
| Method | OECD 402 | | |
| Source | ECHA | | |

| Acute inhalational toxicity | | | |
|-----------------------------|---|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | > | 10000 | ppmV |
| Duration of exposure | 6 | | h |
| State of aggregation | Vapour | | |
| Species | rat | | |
| Method | OECD 403 | | |
| Source | ECHA | | |
| Evaluation/classification | Based on available data, the classification criteria are not met. | | |

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| Skin corrosion/irritation | | | |
|---------------------------|----------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Species | | rabbit | |
| Source | | ECHA | |
| Evaluation | | non-irritant | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Serious eye damage/irritation | | | |
|-------------------------------|---------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| Species | | rabbit | |
| Method | | OECD 405 | |
| Source | | ECHA | |
| Evaluation | | non-irritant | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| Species | | rabbit | |
| Method | | OECD 405 | |
| Source | | ECHA | |
| Evaluation | | irritant | |
| Evaluation/classification | | Based on available data, the classification criteria are met. | |

| Respiratory or skin sensitisation | | | |
|-----------------------------------|---------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| Route of exposure | | Skin | |
| Species | | mouse | |
| Method | | OECD 429 | |
| Source | | ECHA | |
| Evaluation | | sensitizing | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| Route of exposure | | Skin | |
| Species | | guinea pig | |
| Method | | OECD 406 | |
| Source | | ECHA | |
| Evaluation | | non-sensitizing | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Germ cell mutagenicity | | | |
|---------------------------|----------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| Reproduction toxicity | | | |
|-----------------------|--|--|--|
| No data available | | | |

| Carcinogenicity | | | |
|---------------------------|---------------------|---|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| Method | | OECD 451 | |
| Source | | ECHA | |
| Evaluation/classification | | Based on available data, the classification criteria are not met. | |

| STOT - single exposure | | | |
|------------------------|--|--|--|
| No data available | | | |

| STOT - repeated exposure | | | |
|--------------------------|----------------|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |

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| | |
|---------------------------|---|
| Route of exposure | inhalational |
| Source | ECHA |
| Evaluation/classification | Based on available data, the classification criteria are not met. |
| Aspiration hazard | |
| No data available | |

SECTION 12: Ecological information**12.1 Toxicity**

| Toxicity to fish (acute) | | | |
|---------------------------------|---------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| LC50 | | 5,65 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Danio rerio | | |
| Method | OECD 203 | | |
| Source | ECHA | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | | 9640 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Pimephales promelas | | |
| Method | OECD 203 | | |
| Source | ECHA | | |

| Toxicity to fish (chronic) | | | |
|-----------------------------------|--|--|--|
| No data available | | | |

| Toxicity to Daphnia (acute) | | | |
|------------------------------------|---------------------|-----------|------------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| EC50 | | 1,1 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia magna | | |
| Method | OECD 202 | | |
| Source | ECHA | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| EC50 | | > | 10000 mg/l |
| Duration of exposure | | 24 | h |
| Species | Daphnia magna | | |
| Method | OECD 202 | | |
| Source | ECHA | | |

| Toxicity to Daphnia (chronic) | | | |
|--------------------------------------|--|--|--|
| No data available | | | |

| Toxicity to algae (acute) | | | |
|----------------------------------|-------------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| ErC50 | | 150 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Method | OECD 201 | | |
| Source | ECHA | | |

| Toxicity to algae (chronic) | | | |
|------------------------------------|--|--|--|
| No data available | | | |

| Bacteria toxicity | | | |
|--------------------------|--|--|--|
| No data available | | | |

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12.2 Persistence and degradability

| Biodegradability | | | |
|-------------------|---------------------|-------------------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| Source Evaluation | | ECHA readily biodegradable | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| Type | | BOD/COD | |
| Value | | 53 | % |
| Duration | | 5 | day(s) |
| Source Evaluation | | ECHA readily biodegradable | |

12.3 Bioaccumulative potential

| Bioconcentration factor (BCF) | | | |
|--|---------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| BCF | | 32 | - 156 |
| Source | | ECHA | |
| Partition coefficient: n-octanol/water | | | |
| No | Substance name | CAS no. | EC no. |
| 1 | Orange, sweet, ext. | 8028-48-6 | 232-433-8 |
| log Pow | | 2,78 | - 4,88 |
| Method | | QSAR | |
| Source | | ECHA | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| log Pow | | 0,05 | |
| Reference temperature | | 25 | °C |
| Source | | ECHA | |

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

| Results of PBT and vPvB assessment | |
|------------------------------------|--|
| PBT assessment | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT. |
| vPvB assessment | According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB. |

12.6 Other adverse effects

No data available.

12.7 Other information

| Other information |
|---|
| Do not discharge into the drains or waters and do not store on public depositories. |

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

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Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information**14.1 Transport ADR/RID/ADN**

| | |
|--|------------------------------|
| Class | 3 |
| Classification code | F1 |
| Packing group | III |
| Hazard identification no. | 30 |
| UN number | UN2319 |
| Proper shipping name | TERPENE HYDROCARBONS, N.O.S. |
| Tunnel restriction code | D/E |
| Label | 3 |
| Environmentally hazardous substance mark | Symbol "fish and tree" |

14.2 Transport IMDG

| | |
|--|------------------------------|
| Class | 3 |
| Packing group | III |
| UN number | UN2319 |
| Proper shipping name | TERPENE HYDROCARBONS, N.O.S. |
| EmS | F-E, S-D |
| Marine Pollutant (according Index IMDG Code) | Orange, sweet, ext. |
| Label | 3 |
| Marine pollutant mark | Symbol "fish and tree" |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|------------------------------|
| Class | 3 |
| Packing group | III |
| UN number | UN2319 |
| Proper shipping name | Terpene hydrocarbons, n.o.s. |
| Label | 3 |

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain

Trade name: Orange Power**Product no.:** 192999**Current version :** 1.0.0, issued: 22.10.2020**Replaced version:** -, issued: -**Region:** IE

| |
|--|
| any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006. |
|--|

REACH candidate list of substances of very high concern (SVHC) for authorisation

| |
|--|
| According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006. |
|--|

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

| | |
|--|----------|
| The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. | No 3, 40 |
|--|----------|

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

| | |
|---|---------|
| This product is subject to Part I of Annex I, risk category: | E2, P5c |
| If the properties of the substance/product give rise to more than one classification, for the purposes of 2012/18/UE, the lowest qualifying quantities set out in Part 1 and Part 2 of Annex I shall apply. | |

Other regulations

| |
|--|
| Adhere to the national sanitary and occupational safety regulations when using this product. Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed. The surfactants contained in this product comply with the DetVO 648/2004/EC. |
|--|

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|--------|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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