

## ZAR® Color Matcher -Tint Base 145

Version number: REV 1.0

Date of compilation: 2020-12-08

### SECTION 1: Identification

#### 1.1 Product identifier

|                       |   |
|-----------------------|---|
| Trade name            | <b>ZAR® Color Matcher -Tint Base 145</b>  |
| Alternative number(s) | 14506; UFI: T3GK-858U-X40S-H0YF<br>14512; UFI: AY2N-A59G-W409-UCHX<br>14513; UFI: XJCN-X5A6-H40S-YGTD |

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

|                          |                  |
|--------------------------|------------------|
| Relevant identified uses | Stains, Interior |
|--------------------------|------------------|

#### 1.3 Details of the supplier of the safety data sheet

United Gilsonite Laboratories, Inc.  
1396 Jefferson Avenue  
Dunmore PA 18509  
United States

Telephone: +1 (570) 344-1202  
Telefax: (570) 969-7634  
e-mail: sales@ugl.com  
Website: <http://www.ugl.com/>

|                           |                                     |
|---------------------------|-------------------------------------|
| e-mail (competent person) | mark.fortese@ugl.com (Mark Fortese) |
|---------------------------|-------------------------------------|

#### 1.4 Emergency telephone number

|                               |   |
|-------------------------------|---|
| Emergency information service | 1-800-424-9300 Chemtrec (NORTH AMERICA)<br>This number is only available during the following office hours: Mon-Fri 08:00 AM - 05:00 PM |
|-------------------------------|---|

### SECTION 2: Hazard(s) identification

#### 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section | Hazard class            | Category | Hazard class and category | Hazard statement |
|---------|-------------------------|----------|---------------------------|------------------|
| A.1I    | acute toxicity (inhal.) | 3        | Acute Tox. 3              | H331             |
| A.4S    | skin sensitization      | 1        | Skin Sens. 1              | H317             |
| A.6     | carcinogenicity         | 2        | Carc. 2                   | H351             |
| A.7     | reproductive toxicity   | 2        | Repr. 2                   | H361d            |
| A.10    | aspiration hazard       | 1        | Asp. Tox. 1               | H304             |
| B.6     | flammable liquid        | 3        | Flam. Liq. 3              | H226             |

For full text of abbreviations: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects

The product is combustible and can be ignited by potential ignition sources.

#### 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word              danger

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### - Pictograms

GHS02, GHS06,  
GHS07, GHS08



### - Hazard statements

|       |   |
|-------|---|
| H226  | Flammable liquid and vapor.                   |
| H304  | May be fatal if swallowed and enters airways. |
| H317  | May cause an allergic skin reaction.          |
| H331  | Toxic if inhaled.                             |
| H351  | Suspected of causing cancer.                  |
| H361d | Suspected of damaging the unborn child.       |

### - Precautionary statements

|                |   |
|----------------|---|
| P101           | If medical advice is needed, have product container or label at hand.                               |
| P102           | Keep out of reach of children.  |
| P201           | Obtain special instructions before use.   |
| P210           | Keep away from heat/sparks/open flames/hot surfaces. No smoking.                                    |
| P240           | Ground/bond container and receiving equipment.  |
| P241           | Use explosion-proof electrical/ventilating/lighting equipment.                                      |
| P242           | Use only non-sparking tools.  |
| P243           | Take precautionary measures against static discharge.   |
| P261           | Avoid breathing dust/fume/gas/mist/vapors/spray.  |
| P271           | Use only outdoors or in a well-ventilated area.   |
| P272           | Contaminated work clothing must not be allowed out of the workplace.                                |
| P280           | Wear protective gloves/eye protection/face protection.  |
| P301+P310      | If swallowed: Immediately call a poison center/doctor.  |
| P302+P352      | If on skin: Wash with plenty of water.  |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304+P340      | If inhaled: Remove person to fresh air and keep comfortable for breathing.                          |
| P311           | Call a poison center/doctor.  |
| P321           | Specific treatment (see on this label).   |
| P331           | Do NOT induce vomiting.   |
| P363           | Wash contaminated clothing before reuse.  |
| P370+P378      | In case of fire: Use sand, carbon dioxide or powder extinguisher to extinguish.                     |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                    |
| P403+P235      | Store in a well-ventilated place. Keep cool.  |
| P405           | Store locked up.  |
| P501           | Dispose of contents/container to industrial combustion plant.                                       |

### - Hazardous ingredients for labelling

Distillates (petroleum), hydrotreated light, ethyl methyl ketoxime, 2-ethylhexanoic acid, Kerosene

## 2.3 Other hazards

### Hazards not otherwise classified

Contains ethyl methyl ketoxime. May produce an allergic reaction.  
May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).  
Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and/or chronic).

### Results of PBT and vPvB assessment

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

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not relevant (mixture)

#### 3.2 Mixtures

Description of the mixture

| Name of substance                            | Identifier           | Wt%       | Classification acc. to GHS  |
|--|----------------------|-----------|---|
| Distillates (petroleum), hydro-treated light | CAS No<br>64742-47-8 | 50 – < 75 | Acute Tox. 3 / H331<br>Asp. Tox. 1 / H304<br>Flam. Liq. 3 / H226  |
| Kerosene                                     | CAS No<br>8008-20-6  | 5 – < 10  | Acute Tox. 3 / H331<br>Skin Irrit. 2 / H315<br>STOT SE 3 / H336<br>Asp. Tox. 1 / H304<br>Flam. Liq. 3 / H226                    |
| ethyl methyl ketoxime                        | CAS No<br>96-29-7    | < 1       | Acute Tox. 4 / H312<br>Acute Tox. 3 / H331<br>Eye Dam. 1 / H318<br>Skin Sens. 1 / H317<br>Carc. 2 / H351<br>Flam. Liq. 4 / H227 |
| Naphtha (petroleum), hydro-treated heavy     | CAS No<br>64742-48-9 | < 1       | Acute Tox. 3 / H331<br>STOT SE 3 / H336<br>Asp. Tox. 1 / H304<br>Flam. Liq. 3 / H226  |
| 2-ethylhexanoic acid                         | CAS No<br>149-57-5   | < 1       | Repr. 2 / H361d   |

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. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

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: Fire-fighting measures****5.1 Extinguishing media**

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media

Water jet

**5.2 Special hazards arising from the substance or mixture**

In case of insufficient ventilation and/or in use, may form flammable/explosive vapor-air mixture. Solvent vapors are heavier than air and may spread along floors. Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures.

Hazardous combustion products

Nitrogen oxides (NO<sub>x</sub>), Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate 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 vapors/dust/aerosols/gases.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

**6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill

Covering of drains

Advice 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.

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### 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. Avoidance of ignition sources. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Use only in well-ventilated areas. Due to danger of explosion, prevent leakage of vapours into cellars, flues and ditches. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools.

- Specific notes/details

Places which are not ventilated, e.g. unventilated below ground level areas such as trenches, conduits and shafts, are particularly prone to the presence of flammable substances or mixtures. Vapors are heavier than air, spread along floors and form explosive mixtures with air. Vapors may form explosive mixtures with air.

##### 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 feedingstuffs.

#### 7.2 Conditions for safe storage, including any incompatibilities

##### Managing of associated risks

- Explosive atmospheres

Keep container tightly closed and in a well-ventilated place. Use local and general ventilation. Keep cool. Protect from sunlight.

- Flammability hazards

Keep away from sources of ignition - No smoking. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Protect from sunlight.

- Ventilation requirements

Keep any substance that emits harmful vapors or gases in a place that allows these to be permanently extracted. Use local and general ventilation. Ground/bond container and receiving equipment.

- Packaging compatibilities

Only packagings which are approved (e.g. acc. to the Dangerous Goods Regulations) may be used.

#### 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/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation | Source           |
| US   | 2-ethylhexanoic acid                             | 149-57-5   | TLV®       |           | 5           |            |              |                 |                   | iv       | ACGIH® 2019      |
| US   | petroleum distillates (naphtha) (rubber solvent) | 64742-48-9 | PEL        | 500       | 2,000       |            |              |                 |                   |          | 29 CFR 1910.1000 |
| US   | Kerosine (petroleum)                             | 8008-20-6  | REL        |           | 100 (10 h)  |            |              |                 |                   |          | NIOSH REL        |

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### Occupational exposure limit values (Workplace Exposure Limits)

| Country | Name of agent                          | CAS No    | Identifier | TWA [ppm] | TWA [mg/m³] | STEL [ppm] | STEL [mg/m³] | Ceiling-C [ppm] | Ceiling-C [mg/m³] | Notation    | Source      |
|---------|--|-----------|------------|-----------|-------------|------------|--------------|-----------------|-------------------|-------------|-------------|
| US      | Kerosine (petroleum) (jet fuels, JP 5) | 8008-20-6 | TLV®       |           | 200         |            |              |                 |                   | vap, HyCarb | ACGIH® 2019 |

#### Notation

Ceiling-C

HyCarb

iv

STEL

TWA

vap

ceiling value is a limit value above which exposure should not occur

calculated as hydrocarbons

inhalable fraction and vapor

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)

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

as vapors

## 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.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                |                |
|----------------|----------------|
| Physical state | liquid         |
| Color          | various        |
| Odor           | characteristic |

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### Other safety parameters

|   |                                   |
|---|-----------------------------------|
| pH (value)                              | not determined                    |
| Melting point/freezing point            | not determined                    |
| Initial boiling point and boiling range | ≥146 °C at 101.3 kPa              |
| Flash point                             | 29 °C at 101.3 kPa                |
| Evaporation rate                        | not determined                    |
| Flammability (solid, gas)               | not relevant, (fluid)             |
| Explosive limits                        | not determined                    |
| Vapor pressure                          | ≤3.7 kPa at 37.8 °C               |
| Density                                 | 0.857 g/cm³ at 20 °C              |
| Vapor 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   | 220 °C (auto-ignition temperature (liquids and gases)) |
| Viscosity                   | not determined   |
| Explosive properties        | none   |
| Oxidizing properties        | none   |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials". The mixture contains re-active substance(s). Risk of ignition.

If heated:

Risk of ignition

### 10.2 Chemical stability

See below "Conditions to avoid".

### 10.3 Possibility of hazardous reactions

No known hazardous reactions.

### 10.4 Conditions to avoid

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

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Hints to prevent fire or explosion

Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

### 10.5 Incompatible materials

Oxidizers

### 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 acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

Acute toxicity

Toxic if inhaled.

GHS of the United Nations, annex 4: May be harmful in contact with skin.

- Acute toxicity estimate (ATE)

Inhalation: vapor 9.302 mg/l/4h

| Acute toxicity estimate (ATE) of components of the mixture |            |                   |              |
|--|------------|-------------------|--------------|
| Name of substance  | CAS No     | Exposure route    | ATE          |
| Distillates (petroleum), hydrotreated light                | 64742-47-8 | inhalation: vapor | 5.28 mg/l/4h |
| Kerosene   | 8008-20-6  | inhalation: vapor | 5.28 mg/l/4h |
| Naphtha (petroleum), hydrotreated heavy                    | 64742-48-9 | inhalation: vapor | 9.3 mg/l/4h  |
| ethyl methyl ketoxime                                      | 96-29-7    | dermal            | 1,000 mg/kg  |
| ethyl methyl ketoxime                                      | 96-29-7    | inhalation: vapor | 4.83 mg/l/4h |

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

Suspected of damaging the unborn child.



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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

May be fatal if swallowed and enters airways.

### SECTION 12: Ecological information

#### 12.1 Toxicity

Toxic to aquatic life with long lasting effects.

| Aquatic toxicity (acute) of components of the mixture |            |          |             |                       |               |
|---|------------|----------|-------------|-----------------------|---------------|
| Name of substance                                     | CAS No     | Endpoint | Value       | Species               | Exposure time |
| Distillates (petroleum), hydrotreated light           | 64742-47-8 | LL50     | 5 mg/l      | fish                  | 96 h          |
| Distillates (petroleum), hydrotreated light           | 64742-47-8 | EL50     | 1.4 mg/l    | aquatic invertebrates | 48 h          |
| Kerosene  | 8008-20-6  | LL50     | 5 mg/l      | fish                  | 96 h          |
| Kerosene  | 8008-20-6  | EL50     | 1.4 mg/l    | aquatic invertebrates | 48 h          |
| Naphtha (petroleum), hydrotreated heavy               | 64742-48-9 | LL50     | >1,000 mg/l | fish                  | 24 h          |
| Naphtha (petroleum), hydrotreated heavy               | 64742-48-9 | EL50     | >1,000 mg/l | aquatic invertebrates | 24 h          |
| ethyl methyl ketoxime                                 | 96-29-7    | LC50     | >100 mg/l   | fish                  | 96 h          |
| ethyl methyl ketoxime                                 | 96-29-7    | EC50     | 201 mg/l    | aquatic invertebrates | 48 h          |
| ethyl methyl ketoxime                                 | 96-29-7    | ErC50    | 11.8 mg/l   | algae                 | 72 h          |
| 2-ethylhexanoic acid                                  | 149-57-5   | LC50     | >100 mg/l   | fish                  | 96 h          |
| 2-ethylhexanoic acid                                  | 149-57-5   | ErC50    | 49.3 mg/l   | algae                 | 72 h          |

| 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 | EL50     | 0.89 mg/l  | aquatic invertebrates | 21 d          |
| Kerosene  | 8008-20-6  | EL50     | 0.89 mg/l  | aquatic invertebrates | 21 d          |
| Naphtha (petroleum), hydrotreated heavy                 | 64742-48-9 | EL50     | 10 mg/l    | fish                  | 21 d          |
| Naphtha (petroleum), hydrotreated heavy                 | 64742-48-9 | EC50     | 15.41 mg/l | microorganisms        | 40 h          |
| ethyl methyl ketoxime                                   | 96-29-7    | EC50     | ≥100 mg/l  | aquatic invertebrates | 21 d          |
| 2-ethylhexanoic acid                                    | 149-57-5   | EC50     | 75 mg/l    | aquatic invertebrates | 21 d          |

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### 12.2 Persistence and degradability

Data are not available.

### 12.3 Bioaccumulative potential

Data are not available.

### 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

Waste treatment-relevant information

Solvent reclamation/regeneration.

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/packages

Only packagings which are approved (e.g. acc. to DOT) may be used. 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

|  |  |
|--|--|
| <b>14.1 UN number</b>  | 1992   |
| <b>14.2 UN proper shipping name</b>  | Flammable liquid, toxic, n.o.s.                                    |
| Technical name (hazardous ingredients)   | Distillates (petroleum), hydrotreated light, ethyl methyl ketoxime |
| <b>14.3 Transport hazard class(es)</b>   |  |
| Class  | 3 (flammable liquids)  |
| Subsidiary risk(s)   | 6.1 (acute toxicity)   |
| <b>14.4 Packing group</b>  | III (substance presenting low danger)                              |
| <b>14.5 Environmental hazards</b>  | hazardous to the aquatic environment                               |
| Environmentally hazardous substance (aquatic environment)                      | Distillates (petroleum), hydrotreated light                        |
| <b>14.6 Special precautions for user</b>                                       |  |
| There is no additional information.  |  |
| <b>14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code</b> |  |
| The cargo is not intended to be carried in bulk.                               |  |




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### Information for each of the UN Model Regulations

#### Transport of dangerous goods by road or rail (49 CFR US DOT)

|   |  |
|---|--|
| Index number  | 1992   |
| Proper shipping name  | Flammable liquid, toxic, n.o.s.  |
| - Particulars in the shipper's declaration  | UN1992, Flammable liquid, toxic, n.o.s., (contains: Distillates (petroleum), hydrotreated light, ethyl methyl ketoxime), 3 (6.1), III, environmentally hazardous |
| - Reportable quantity (RQ)  | 4,370,629 lbs (1,984,266 kg) (naphthalene) (Ethylbenzene)  |
| Class   | 3  |
| Subsidiary risk(s)  | 6.1  |
| Packing group   | III  |
| Danger label(s)   | 3+6.1, fish and tree   |
|    |  |
| Environmental hazards   | yes (hazardous to the aquatic environment)   |
| Special provisions (SP)   | B1, IB3, T7, TP1, TP28   |
| ERG No  | 131  |

#### International Maritime Dangerous Goods Code (IMDG)

|   |  |
|---|--|
| UN number   | 1992                                       |
| Proper shipping name  | FLAMMABLE LIQUID, TOXIC, N.O.S.            |
| Class   | 3  |
| Subsidiary risk(s)  | 6.1  |
| Marine pollutant  | yes (hazardous to the aquatic environment) |
| Packing group   | III  |
| Danger label(s)   | 3+6.1, fish and tree                       |
|    |  |

|                          |          |
|--------------------------|----------|
| Special provisions (SP)  | 223, 274 |
| Excepted quantities (EQ) | E1       |
| Limited quantities (LQ)  | 5 L      |
| EmS                      | F-E, S-D |
| Stowage category         | A        |

#### International Civil Aviation Organization (ICAO-IATA/DGR)

|                       |  |
|-----------------------|--|
| UN number             | 1992                                       |
| Proper shipping name  | Flammable liquid, toxic, n.o.s.            |
| Class                 | 3  |
| Subsidiary risk(s)    | 6.1  |
| Environmental hazards | yes (hazardous to the aquatic environment) |
| Packing group         | III  |

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Danger label(s) 3+6.1



Special provisions (SP) A3

Excepted quantities (EQ) E1

Limited quantities (LQ) 2 L

### SECTION 15: Regulatory information

#### 15.1 Safety, health and environmental regulations specific for the product in question

##### National regulations (United States)

##### Right to Know Hazardous Substance List

- Cleaning Product Right to Know Act Substance List (CA-RTK)

| Name of substance                       | CAS No     | Functionality | Authoritative Lists                       |
|---|------------|---------------|---|
| Kerosene                                | 8008-20-6  |               | ATSDR Neurotoxics<br>CWA 303(d)           |
| Naphtha (petroleum), hydrotreated heavy | 64742-48-9 |               | Canada PBTs<br>EC Annex VI CMRs - Cat. 1B |

- Hazardous Substance List (NJ-RTK)

| Name of substance    | CAS No    | Remarks | Classifications |
|----------------------|-----------|---------|-----------------|
| Kerosene             | 8008-20-6 |         | F2              |
| 2-ethylhexanoic acid | 149-57-5  |         |                 |

##### Legend

F2 Flammable - Second Degree

- Hazardous Substance List (Chapter 323) (PA-RTK)

| Name acc. to inventory | CAS No    | Classification |
|------------------------|-----------|----------------|
| KEROSINE (PETROLEUM)   | 8008-20-6 |                |

- Hazardous Substance List (RI-RTK)

| Name of substance | CAS No    | References |
|-------------------|-----------|------------|
| Kerosene          | 8008-20-6 | F          |

##### Legend

F Flammability (NFPA®)

#### Industry or sector specific available guidance(s)

##### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

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| Category            | Rating | Description  |
|---------------------|--------|--|
| Chronic             | *      | chronic (long-term) health effects may result from repeated overexposure   |
| Health              | 2      | temporary or minor injury may occur  |
| Flammability        | 3      | material that can be ignited under almost all ambient temperature conditions   |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |  |

### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category       | Degree of hazard | Description  |
|----------------|------------------|--|
| Flammability   | 3                | material that can be ignited under almost all ambient temperature conditions                     |
| Health         | 2                | material that, under emergency conditions, can cause temporary incapacitation or residual injury |
| Instability    | 0                | material that is normally stable, even under fire conditions                                     |
| Special hazard |                  |  |

## 15.2 Chemical Safety Assessment

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

## SECTION 16: Other information, including date of preparation or last revision

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). 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  |
|------|---|
| H226 | Flammable liquid and vapor.                   |
| H227 | Combustible liquid.                           |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin.                 |
| H315 | Causes skin irritation.                       |
| H317 | May cause an allergic skin reaction.          |
| H318 | Causes serious eye damage.                    |
| H331 | Toxic if inhaled.                             |
| H336 | May cause drowsiness or dizziness.            |

# Safety Data Sheet

acc. to 29 CFR 1910.1200 App D

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| Code  | Text                                    |
|-------|---|
| H351  | Suspected of causing cancer.            |
| H361d | Suspected of damaging the unborn child. |

### Disclaimer

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

**End of safety data sheet**