

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.08.2018



Version number 1

Revision: 01.08.2018

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

- **1.1 Product identifier**
 - **Trade name:** White Spirits D-40
 - **CAS Number:**
64742-48-9
 - **EC number:**
265-150-3
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
 - Use in coatings
 - Use in Cleaning Agents
 - Manufacture of substance
 - Distribution of substance
 - Use as a fuel
 - Polymer processing
 - Lubricants
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
Bax Chemicals B.V.
J. Duikerweg 12C
1703 DH Heerhugowaard
The Netherlands
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**
 - The Netherlands :
National Poisons Information Centre Tel. +31 30 274 8888
 - Belgium :
Antipoison Center - Brussels Tel. + 32 70 245 245
 - For medical staff only in case of accidental poisoning!

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
 - Flam. Liq. 3 H226 Flammable liquid and vapour.
 - STOT SE 3 H336 May cause drowsiness or dizziness.
- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008**
 - The substance is classified and labelled according to the CLP regulation.
 - **Hazard pictograms**
 -  
 - GHS02 GHS07
- **Signal word** Warning
- **Hazard statements**
 - H226 Flammable liquid and vapour.
 - H336 May cause drowsiness or dizziness.

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· Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
- 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 in accordance with local/regional/national/international regulations.

· Classification system**· HMIS scale ratings (0-4)**

| | | |
|------------|---|----------------|
| HEALTH | 1 | Health = 1 |
| FIRE | 2 | Fire = 2 |
| REACTIVITY | 0 | Reactivity = 0 |

· NFPA scale rating (0-4)

| | | |
|------------|----------|----------------|
| 0 | 2 | 0 |
| Health = 0 | Fire = 2 | Reactivity = 0 |

· 2.3 Other hazards**· Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients**· 3.1 Chemical characterisation: Substances**

- **CAS No. Description:**
64742-48-9 Naphtha (petroleum), hydrotreated heavy
- **Identification number(s):**
- **EC number:** 265-150-3

SECTION 4: First aid measures**· 4.1 Description of first aid measures**

- **General information** Immediately remove any clothing soiled by the product.
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

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SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** CO₂, powder or water spray. Fight larger fire with alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not applicable
- **Further information about storage conditions:** None.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

· **8.1 Control parameters**

- **Ingredients with limit values that require monitoring at the workplace:**

64742-48-9 Naphtha (petroleum), hydrotreated heavy

| | |
|---------------|---|
| MAK (Germany) | Long-term value: 300 mg/m ³ , 50 ppm vgl. Abschn.Xc |
|---------------|---|

- **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

- **Personal protective equipment**
- **General protective and hygienic measures** Wash hands before breaks and at the end of work.
- **Respiratory protection:** Filter A/P2.
- **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Material of gloves**
Butyl rubber, BR

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Fluorocarbon rubber (Viton)

Nitrile rubber, NBR

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Goggles recommended during refilling.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

| | |
|---------------------------|-----------------|
| · Appearance: | Crystalline |
| · Form: | Fluid |
| · Colour: | Clear |
| · Odour: | Specific type |
| · Odour threshold: | Not determined. |

· pH-value: Not determined.

· Change in condition

| | |
|---|------------|
| · Melting point/freezing point: | -25 °C |
| · Initial boiling point and boiling range: | 180/215 °C |

· Flash point: >41 °C

· Flammability (solid, gaseous) Not applicable.

· Ignition temperature: 240 °C

· Decomposition temperature: Not determined.

· Auto-ignition temperature: Not determined.

· Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· Explosion limits:

| | |
|-----------------|-----------|
| · Lower: | 0.6 Vol % |
| · Upper: | 7 Vol % |

· Vapour pressure at 20 °C: 1 hPa

| | |
|----------------------------|-------------------------|
| · Density at 20 °C: | 0.785 g/cm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not determined. |
| · Evaporation rate | Not determined. |

· Solubility in / Miscibility with Water at 20 °C: 0.04 g/l

· Partition coefficient: n-octanol/water: Not determined.

· Viscosity:

| | |
|---------------------|-----------------|
| · dynamic: | Not determined. |
| · kinematic: | Not determined. |

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· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No dangerous decomposition products known
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

| | | |
|--------|------|-------------------|
| Oral | LD50 | >5000 mg/kg (rat) |
| Dermal | LD50 | >3000 mg/kg (rab) |

- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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· **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

| | |
|---|---|
| · 14.1 UN-Number · ADR, IMDG, IATA | UN3295 |
| · 14.2 UN proper shipping name · ADR · IMDG · IATA | 3295 HYDROCARBONS, LIQUID, N.O.S. HYDROCARBONS, LIQUID, N.O.S. Hydrocarbons, liquid, n.o.s. |
| · 14.3 Transport hazard class(es) · ADR | |
|  | |
| · Class · Label | 3 (F1) Flammable liquids. 3 |
| · IMDG, IATA | |
|  | |
| · Class | 3 Flammable liquids. |
| · 14.4 Packing group · ADR, IMDG, IATA | III |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user · Danger code (Kemler): · EMS Number: · Stowage Category | Warning: Flammable liquids. 36 F-E,S-D A |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |

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· UN "Model Regulation":

UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008**
The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Warning
- **Hazard statements**
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
- **Precautionary statements**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
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 in accordance with local/regional/national/international regulations.
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** Substance is not listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 40
- **National regulations**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.
- **Contact:** Quality manager
- **Abbreviations and acronyms:**
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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*IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**NFPA: National Fire Protection Association (USA)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Flam. Liq. 3: Flammable liquids – Category 3**STOT SE 3: Specific target organ toxicity (single exposure) – Category 3***· * Data compared to the previous version altered.**

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