



EQUIPPING THE TYRE INDUSTRY

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Material Safety Data Sheet
According to 91/155 EEC
Reviewed on 06.03.2007

Identification of the substance/preparation and of the company/undertaking

• **Product details**

• **Trade name: SBP 3**

• **Application of the substance / the preparation Solvent**

• **Supplier:**

Auto 4 Ltd
Units 1 & 2 Nunn Brook Rise
County Estate
Huthwaite
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• **Further information obtainable from:** Contact us at the above office.

2 Composition/information on ingredients

• **Chemical characterization:**

• **CAS No. Description**

64742-89-8 Solvent naphtha (petroleum), light aliph.

• **Identification number(s)**

• **EINECS Number:** 265-192-2

• **EU Number:** 649-267-00-0

• **Additional information:** Benzene content < 0.1%w/w

3 Hazards identification



Hazard Descriptions:

Xn Harmful

F Highly flammable

Dangerous for the environment

• **Information concerning particular hazards for human and environment:**

Vapours of the product are heavier than air and may accumulate on the ground, in the sump of pits, drains or cellars with higher concentrations. Ground level ventilation is recommended.

May have a narcotizing effect after prolonged exposure (see R67)

R 11 Highly flammable.

R 38 Irritating to skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 67 Vapours may cause drowsiness and dizziness.

4 First aid measures

• **After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation. Seek immediate medical advice.

• **After skin contact:**

Immediately wash with water and soap and rinse thoroughly. Repeated skin contact may result in irritation and dermatitis. Always wear protective gloves suitable for this product. If skin irritation continues, consult a doctor.

• **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

• **After swallowing:** Do not induce vomiting; rinse mouth with water, call for medical help immediately.

• **Information for doctor:** Risk of lung aspiration due to low viscosity of product. (R65)

• **The following symptoms may occur:**

Headache

Dizziness

Nausea

5 Fire-fighting measures

• **Suitable extinguishing agents:**

CO₂, powder or water spray. Fight larger fires with aqueous film forming foam (AFFF). Cool containers with water spray.

• **For safety reasons unsuitable extinguishing agents:** Water with full jet

• **Special hazards caused by the substance, its products of combustion or resulting gases:** Carbon monoxide (CO), if incomplete combustion.

• **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

• **Person-related safety precautions:**

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

Keep away from ignition sources.

Wear protective clothing.

• **Measures for environmental protection:**

Inform respective authorities in case of seepage into water course or sewage system.

• **Measures for cleaning/collecting:**

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

Send for recovery or disposal in suitable receptacles.

Blanket spillage with AFFF Foam Spray to seal from sources of ignition as a precautionary measure.

7 Handling and storage

• **Handling:**

• **Information for safe handling:**

Store in cool, dry place in tightly closed receptacles.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Take note of emission threshold.

Use only in well ventilated areas.

Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).

• **Information about fire - and explosion protection:**

page 3)

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

(contd on

Keep respiratory protective device available.

Do not spray onto a naked flame or any incandescent material.

Flammable gas-air mixtures may form in empty receptacles.

Wear shoes with conductive soles.

• **Storage:**

• **Requirements to be met by storerooms and receptacles:**

Store in a cool location.

Provide solvent resistant, sealed floor.

Prevent any seepage into the ground.

Provide ventilation for receptacles.

Use only receptacles specifically permitted for this substance/product.

Unsuitable material for receptacle: aluminium.

Store in area marked with EX signs under Dangerous Substances and Explosive Atmosphere Regs.

Follow HSE guidance for storage of flammable substances.

Flameproof/explosion proof electrical equipment must be used (ATEX Regulations)

Only store in suitable bonded storage areas. Do not store plastic IBC's with metal drums of other flammable

Substances.

• **Information about storage in one common storage facility:**

Do not store together with alkalis (caustic solutions).

Store away from oxidizing agents.

• **Further information about storage conditions:**

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

You are recommended to refer to HSE publications HSG51 - The Storage of Flammable Liquids in Containers;

And HSG140 - The Safe Use and Handling of Flammable Liquids, for more detailed understanding of the

Practices to be adhered to.

Plastic IBC's risk sudden and total loss of product in event of fire. Ensure bonded areas are adequate.

Do not store plastic IBC's with other packaged flammable goods.

8 Exposure controls/personal protections

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

• **Ingredients with limit values that require monitoring at the workplace: Not required.**

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

• **Personal protective equipment:**

• **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Avoid alcohol consumption while working with the product.

• **Respiratory protection:**

(contd on page 4)

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

• **Protection of hands:**

Protective gloves



Solvent resistant gloves. Use gloves approved to BS EN 364 Chemical Resistant Gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves**

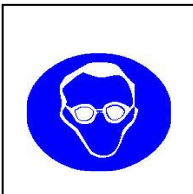
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

• **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:**

Tightly sealed goggles



• **Body protection:** Protective work clothing

9 Physical and chemical properties

• General Information

Form: Liquid
Colour: Colourless
Odour: Characteristic

• Change in condition

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C

• **Flash point:** 4°C

• **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

• Explosion limits:

Lower: 1.1 Vol %
Upper: 7.0 Vol %

• **Vapour pressure at 20°C:** 3.3 kPa

• **Density:** Not determined.

• **Bulk density at 20°C:** 0.705 kg/m³ (contd on page5)

• **Solubility in / Miscibility with Water:**

Not miscible or difficult to mix.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** Carbon monoxide if incomplete combustion.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

12 Ecological information

- **Ecotoxic effects:**
- **Remark:** Toxic for fish
- **General notes:**
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household refuse. Do not allow product to reach sewage system.
- **European waste catalogue** Refer to our office for EWC codes for disposal of used solvent.
- **Uncleaned packaging:**
- **Recommendation:**
Disposal must be made according to official regulations. Refer to Hazardous Waste Regulations 2005. Requires movement under Consignment note by licensed waste carrier. We can provide this service - please contact us for more details.
Empty contaminated packaging's thoroughly. They may be recycled after thorough and proper cleaning. Please contact us if you wish to return your used drums (205litre only).

14 Transport information

• Land transport ADR/RID	(cross-border)
• ADR/RID class:	3 Flammable liquids.
• UN-Number:	1268
• Description of goods:	1268 PETROLEUM DISTILLATES, N.O.S.
• Maritime transport IMDG:	
• UN Number:	1268
• Packaging group:	II (contd on page 6)
• Marine pollutant:	No

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
Xn Harmful
F Highly flammable
N Dangerous for the environment

• **Risk phrases:**

- 11 Highly flammable.
- 38 Irritating to skin.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.
- 67 Vapours may cause drowsiness and dizziness.

• **Safety phrases:**

- 9 Keep container in a well-ventilated place.
- 16 Keep away from sources of ignition - No smoking.
- 23 Do not breathe fumes/aerosol.
- 24/25 Avoid contact with skin and eyes.
- 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- 53 Avoid exposure - obtain special instructions before use.

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.

• **Relevant R-phrases**

The 'R' phrase listed below are for reference only and do not form the R phrases for the labelling or classification of the product. Refer to section 3 for this information.

• **Training hints**

Make users aware of the contents of this document and train according to use and risks within your operation.

• **Department issuing MSDS:** Product safety department.

• **Contact:** Sales Office in the first instance.