

Safety data sheet

ALTIN

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

Revised on: 10-03-2008

Replaces: 14-10-2005

Manufacturer/importer/distributor:

Gjerlev a/s
 Fuglebakken 12, Strib
 5500 Middelfart
 Tlf: +45 40166606
 E-mail: info@gjerlev.as

Contact telephon: +45 40166606

2. Composition/information on ingredients

Flammable. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Hazards identification

Cas nr.	Designation	Classification	w/w%
8052-42-2	Bitumen	Not classified	40 - 60
64742-82-1	Naphtha (petroleum), hydrodesulfurized heavy (< 0.1 weight % benzene)	Xn, N; R10-48/20-65-66-67-51/53	40 - 60
<i>Please see item 16 for the wording of R-phrases</i>			

4. First aid measures

By inhalation:

Seek fresh air.

By ingestion:

Do not induce vomiting. Seek medical advice.

By skin contact:

Remove contaminated clothes. Wash skin with water and soap.

By eye contact:

Rinse immediately with water (preferably using eye wash) for at least 5 minutes. Open eyes wide. Remove any contact lenses. Seek medical advice if irritation persists.

By burns:

Rinse with water until pain stops. Remove clothes which do not adhere to the body - seek medical advice; if possible continue rinsing until doctor takes over treatment.

5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water spray, as it may spread the fire. Use water or water mist to cool non-ignited stock. Remove containers from the danger area if this is possible without risk. Do not inhale vapours and flue gases - seek fresh air.

6. Accidental release measures

Dam spill and collect with sand or other absorbent material and place in suitable waste containers. For information on disposal please see item 13. Do not discharge spills into drains and/or surface water. Contact authorities in the event of pollution of soil and aquatic environment or discharge into drains. Use the same personal protection as for item 8.

Revised on: 10-03-

7. Handling and storage

Handling:

Smoking and naked flames prohibited. Please see item 8 for information on personal protection.

Storage:

Store safely, out of reach of children and not together with food, animal feeding stuffs, medicines, etc.

8. Exposure controls/ Personal Protection

Design of technical systems:

Smoking and naked flames prohibited.

Respiratory protection:

Not normally required with work outdoor. If risk of inhalation, use respiratory equipment with A2 filter.

Hand and body protection:

Wear protective gloves of rubber.

Eye protection:

Wear eye protection on risk of splashes in eyes.

Occupational exposure limits:

Substance	Exposure limit	Remarks
Bitumen smoke	1 mg/m ³	-
Naphtha (petroleum), hydrodesulfurized heavy (< 0.1 weight % benzene)	25 ppm	-

(EH40/2001 Occupational Exposure Limits 2001)

Control methods:

The exposure limits stated can be checked through occupational hygiene measurements.

9. Physical and chemical properties

Appearance: Black liquid

Odour: Naphtha

Boiling point: >150 °C

Melting point: Approximately -40 °C

Relative density: 890 kg/m³

Flash point: 44 °C

Autoflammability: > 200 °C

Explosive properties: 1-8 vol %.

10. Stability and reactivity

The product is stable at room temperature. Avoid heating. Vapours from the product may form explosive mixtures with air. Reacts with strong oxidizing agents.

Gjerlev a/s Fuglebakken 12, Strib, DK 5500 Middelfart

11. Toxicological information

Immediate effects

Inhalation:

Inhalation of vapours may irritate the upper airways. The product releases vapours from organic solvents. At high concentrations vapours may cause headaches, dizziness, intoxication and possible unconsciousness. Harmful: danger of serious damage to health on prolonged exposure through inhalation.

Ingestion:

Irritates mucous membranes in mouth and stomach/intestine. May cause chemical pneumonia if vomited.

Skin contact:

Degreases skin. Long-term exposure may cause irritation and possible infection.

Eye contact:

Irritates eyes.

Long-term effects

Risk of damage to the central nervous system:

Prolonged or repeated inhalation of vapours may damage the central nervous system.

12. Ecological information

Ecological information for the product

The product contains components, which is toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

Collect spills and waste in closed and sealed containers and send to the local disposal facility for chemical waste.

EAK-code: The user must state the EAK-code for use and sector of business

14. Transport information

Transport has to take place in accordance with national and/or international rules for transport of dangerous goods. By road transport the sender has to certify either in the transport document or in a separate declaration that road transport of the product is legal and that the shape of the product, its inner and possible outer packaging as well as labelling is in accordance with the regulations of the ADR.

<u>UN</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packaging grp.</u>	ADR/RID
1999	Tars, liquid, inclusive roadasphalt and oils, bitumen and cut-back products.	3	III	ADR/RID

Klassifikation code: Label ADR/RID: 3
 Risk No.: 30
 Flash point: 44°C Label IMDG: IMDG EmS.:

Transport according to section 1.1.3.6.3:

The packaging has to be approved and labelled with X, Y or Z.

Limited quantities:

15. Regulatory information



Harmful Dangerous for the environment

Hazard designation:

Harmful; Dangerous for the environment

Danger symbols:

Xn;N

Containing:

Naphtha (petroleum), hydrodesulfurized heavy (< 0.1 weight % benzene)

R-phrases:

Flammable. (R10)

Harmful: danger of serious damage to health by prolonged exposure through inhalation. (R48/20)

Harmful: may cause lung damage if swallowed. (R65)

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. (R51/53)

S-phrases:

Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer). (S23)

Avoid contact with the skin. (S24)

In case of fire, use powder, foam, carbon dioxide or water mist. Never use water, as it may spread the fire. (S43)

If swallowed, do not induce vomiting (S62)

seek medical advice immediately and show this container or label. (S62)

Other information:

16. Other information

Restrictions in use:

None

Training advise:

No special training is necessary but a thorough knowledge of this safety data sheet is assumed.

Line of business:

I n d u s t r y

Sources used:

Other information:

This safety data sheet was prepared on the basis of information from the supplier on the product (e.g. material data sheets and the like).