Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

BLEI-ERSATZ 50L
Art.: 2142

Use of the substance/preparation
Refer to description of material or preparation.

Company/undertaking identification
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E-mail address of the competent person: info@chemical-check.de, k.schnurbusch@chemical-check.de

Emergency telephone
Advisory office in case of poisoning:
Tel.:

Telephone number of the company in case of emergencies:
Tel. (+49) 0731-1420-0

2. HAZARDS IDENTIFICATION

To people
See point 11 and 15.
Preparation is classified as hazardous in the sense of directive 1999/45/EC.
When using: development of flammable vapour/air mixture possible.
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.

To the environment
See point 12.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name			
content %	**Symbol**	**R-phrases**	**EINECS, ELINCS**
	Registration number (ECHA)		
Naphtha (petroleum), hydrodesulfurized heavy			
50 - 80	Xn	65-66	265-185-4
Fatty acid soap, potassium salt			
1 -< 20	Xi	36/38	
Distillates (petroleum), hydrotreated light			
1 -< 10	Xn	65-66	265-149-8

For complete wording of the R-phrases, refer to point 16.

Total Xi below classification limit.

4. FIRST AID MEASURES

4.1 Inhalation
Remove person from danger area.
Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

4.3 Skin contact
Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion
Rinse the mouth thoroughly with water.
Danger of aspiration
Give water to drink.
Call doctor immediately - have Data Sheet available.
Do not induce vomiting.

4.5 Special resources necessary for first aid
Indications for the physician:
Symptomatic treatment

5. FIRE-FIGHTING MEASURES

5.1 Suitable extinguishing media
Cool container at risk with water.
CO2
Extinction powder
Alcohol resistant foam
Water jet spray

5.2 Extinguishing media which shall not be used for safety reasons
High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
In case of fire the following can develop:
Oxides of carbon
Oxides of nitrogen
Toxic pyrolysis products.
Dangerous vapours heavier than air.
In case of spreading near the ground, flashback to distance sources of ignition is possible.
Explosive vapour/air mixture

5.4 Special protective equipment for fire-fighters
Protective respirator with independent air supply.
Full protection, if necessary
In case of fire and/or explosion do not breathe fumes.

5.5 Further information
Dispose of contaminated extinction water according to official regulations.

6. ACCIDENTAL RELEASE MEASURES

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions
Ensure sufficient supply of air.
Avoid inhalation, and contact with eyes or skin.
If applicable, caution - risk of slipping
Do not carry cleaning cloths soaked in product in trouser pockets.
Do not use on hot surfaces.
Remove possible causes of ignition - do not smoke.

6.2 Environmental precautions
If leakage occurs, dam up.
Prevent from entering drainage system.

Prevent surface and ground-water infiltration, as well as ground penetration.
Prevent penetration into drains, cellars, working pits or other places in which accumulation could be hazardous.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

7. HANDLING AND STORAGE

7.1 Handling

Tips for safe handling:

See point 6.1
Ensure good ventilation.
Keep away from sources of ignition - Do not smoke.
Do not heat to temperatures close to flash point.
Take measures against electrostatic charging, if appropriate.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Wash hands before breaks and at end of work.
Observe directions on label and instructions for use.
Use working methods according to operating instructions.

7.2. Storage

Requirements for storage rooms and containers:

Store product closed and only in original packing.
Not to be stored in gangways or stair wells.
Solvent resistant floor
Do not store with oxidizing agents.
Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

Special storage conditions:

See point 10
Store in a well ventilated place.
Protect from direct sunlight and warming.
Do not store over 40°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limit values

GB	**Chemical Name**	Naphtha (petroleum), hydrodesulfurized heavy		Content %:50 - 80
WEL-TWA: 100 mg/m3 (AGW)		WEL-STEL: 2(II) (AGW)		---
BMGV: ---			Other information: ---	

GB	**Chemical Name**	Distillates (petroleum), hydrotreated light		Content %:1 -< 10
WEL-TWA: 1200 mg/m3 (normal and branched chain >= C7) (WEL), 600 mg/m3 (AGW)		WEL-STEL: 2(II) (AGW)		---
BMGV: ---			Other information: ---	

GB WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-terme exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

8.2 Exposure controls

8.2.1 Occupational exposure controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Respiratory protection:	Normally not necessary.

If OES or MEL is exceeded.
Gas mask filter A (EN 14387)

Hand protection:	Solvent resistant protective gloves (EN 374).

Protective hand cream recommended.
Protective Viton gloves (EN 374)
Permeation time (penetration time) in minutes:
> 480 *
* Naphtha (petroleum), hydrodesulfurized heavy

Eye protection:	Tight fitting protective goggles (EN 166) with side protection, with danger of projections.
Skin protection:	Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.
Selection made for preparations according to the best available knowledge and information on the ingredients.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.2 Environmental exposure controls

n.av.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 General information

Physical state:	Liquid
Colour:	Red, Clear
Odour:	Characteristic

9.2. Important health, safety and environmental information

pH-value undiluted:	n.a.
Boiling point/boiling range (°C):	~ 180
Melting point/melting range (°C):	n.av.
Flash point (°C):	63
Minimum limit of explosion:	0,6 Vol%
Maximum limit of explosion:	7,0 Vol%
Vapour pressure:	n.c.
Density (g/ml):	0,822 g/cm3/15°C
Water solubility:	Insoluble
Viscosity:	< 7 mm2/s (40°C)

10. STABILITY AND REACTIVITY

Conditions to avoid

See point 7
Stable when handled and stored correctly.
Open flame, ignition sources

Materials to avoid

See point 7
Avoid contact with strong oxidizing agents.

Hazardous decomposition products

See point 5.3

11. TOXICOLOGICAL INFORMATION

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):	See point 15.

Inhalation, LC50 rat inhal.(mg/l/4h):	n.av.
Skin contact, LD50 rat dermal (mg/kg):	n.d.a., See point 15.
Eye contact:	n.av.

Delayed and chronic effects

Sensitization:	n.c.
Carcinogenicity:	n.c.
Mutagenicity:	n.c.
Reproductive toxicity:	n.c.
Narcosis:	n.c.

Further information

Classification according to calculation procedure.
The following may occur:
Headaches
Dizziness
Nausea
With long-term contact:
Product removes fat.
Drying of the skin.
Dermatitis (skin inflammation)
Ingestion:
Danger of aspiration

12. ECOLOGICAL INFORMATION

Water hazard class (Germany):	2
Self classification:	Yes (VwVwS)

Persistence and degradability:
Readily biodegradable *
* Fatty acid soap, potassium salt
Behaviour in sewage plants:
According to the recipe, contains no AOX.

Aquatic toxicity:	n.av.
Ecological toxicity:	n.av.
Mobility:	n.av.
Accumulation:	n.av.

Results of PBT assessment
n.av.

Other adverse effects:	n.av.

13. DISPOSAL CONSIDERATIONS

13.1. for the material / preparation / residue

Soaked polluted cloths, paper or other organic materials represent a fire hazard and should be controlled, collected and disposed of.
EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product.
Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)
07 01 04 other organic solvents, washing liquids and mother liquors
Recommendation:
Pay attention to local and national official regulations
Implement substance recycling.
E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1
Pay attention to local and national official regulations
Empty container completely.
Uncontaminated packaging can be recycled.
Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. TRANSPORT INFORMATION

General statements

UN-Number: n.a.

Road/Rail-transport (ADR/RID)

Class/packing group: n.a.
Classification code: n.a.
LQ: n.a.
Tunnel restriction code:

Transport by sea

IMDG-code: n.a. (class/packing group)
Marine Pollutant: n.a

Transport by air

IATA: n.a. (class/secondary danger/packing group)

Additional information:

Non-dangerous material according to Transport Regulations.

15. REGULATORY INFORMATION

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)

Symbols: Xn
Indications of danger: Harmful

R-phrases:
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
S-phrases:
2 Keep out of the reach of children.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
56 Dispose of this material and its container to hazardous or special waste collection point.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Additions:
Naphtha (petroleum), hydrodesulfurized heavy
Observe restrictions: Yes
Observe youth employment law (German regulation).
Observe law on protection of expectant mothers (German regulation).
Regulation (EC) No 1907/2006, Annex XVII.
VOC 1999/13/EC ~ 92%

16. OTHER INFORMATION

These details refer to the product as it is delivered.
Storage class VCI (Germany): 10
Revised points: 14
The following phrases represent the prescribed R-phrases / H-phrases (GHS) for the ingredients (designated in point 3).
65 Harmful: may cause lung damage if swallowed.
66 Repeated exposure may cause skin dryness or cracking.
36/38 Irritating to eyes and skin.

Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked
WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference period), STEL = Short-terme exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40
AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)
VbF = Regulations for flammable liquids (Austria)
WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water
VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds
VwVwS = Administrative Order relating to substances hazardous to water (Germany)
The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by:

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