

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 2 of 7

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mineral oil-based mixture. Mineral oil with DMSO extract < 3 % as measured by IP 346.

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
265-158-7	distillates (petroleum), hydrotreated light paraffinic	25 - < 100 %
64742-55-8		
649-468-00-3	Asp. Tox. 1; H304	
01-2119487077-29		
920-360-0	hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)	25 - < 100 %
	Xn - Harmful R65-66	
	Asp. Tox. 1; H304 EUH066	
01-2119448343-41		

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

When in doubt or if symptoms are observed, get medical advice. If unconscious place in recovery position and seek medical advice. Remove contaminated, saturated clothing immediately.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Let water be drunken in little sips (dilution effect). Call a physician immediately. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

When in doubt or if symptoms are observed, get medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**alcohol resistant foam, Extinguishing powder, Carbon dioxide (CO₂).**Unsuitable extinguishing media**

Full water jet.

5.2. Special hazards arising from the substance or mixtureHazardous decomposition products: Carbon monoxide. Carbon dioxide (CO₂). Do not inhale explosion and combustion gases.**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 3 of 7

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Do not allow to enter into soil/subsoil.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Clean contaminated objects and areas thoroughly observing environmental regulations.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Use personal protection equipment. Do not eat, drink or smoke when using this product. Provide fresh air. Handle and open container with care. Conditions to avoid: Generation/formation of aerosols.

Advice on protection against fire and explosion

No special measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against: Frost. Keep away from heat. Protect against direct sunlight. Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls

See chapter 7. No additional measures necessary.

Protective and hygiene measures

When using do not eat, drink, smoke, sniff.

Eye/face protection

Eye glasses with side protection.

Hand protection

Wear suitable gloves. Recommended glove articles: DIN EN 374. Suitable material: NBR (Nitrile rubber). Breakthrough time (maximum wearing time): > 480 min (Thickness of the glove material: 0.4 mm). Breakthrough times and swelling properties of the material must be taken into consideration. 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. Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Skin protection

Protective clothing.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required. When splashes or fine mist form, a permitted breathing apparatus suitable for these purposes must be used. Suitable respiratory protection apparatus: Filtering Half-face mask (DIN EN 149), e.g. FFA P / FFP3.

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 4 of 7

Environmental exposure controls

Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	clear
Odour:	characteristic

Test method

pH-Value: not applicable

Changes in the physical state

Initial boiling point and boiling range: not determined

Pour point: not determined

Flash point: > 120 °C

Lower explosion limits: 0,4 vol. %

Upper explosion limits: 5,0 vol. %

Vapour pressure:
(at 20 °C) < 0,1 hPaDensity (at 15 °C): 0,85 g/cm³ DIN 51757

Water solubility: insoluble

Viscosity / dynamic: not determined

Viscosity / kinematic:
(at 40 °C) 7,5 mm²/s DIN 51562

Flow time: not determined

9.2. Other information

No information available.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Heat.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

No information available.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 5 of 7

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64742-55-8	distillates (petroleum), hydrotreated light paraffinic				
	dermal	LD50 mg/kg	> 5000,0	Rabbit	
	hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)				
	oral	LD50 mg/kg	>15000,0	Rat	
	dermal	LD50 mg/kg	>2000,0	Rat	

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitising effects

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

Severe effects after repeated or prolonged exposure

Repeated exposure may cause skin dryness or cracking.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

Practical experience

Other observations

Keeping to the general worker's protection rules and the industrial hygienics, there is no risk in handling this product through the personnel.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)			
	Biodegradation	59,1 %	28	

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
	hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)	>3,50

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. This material and its container must be disposed of

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 6 of 7

in a safe way. Waste disposal according to EC directives 75/442/EEC and 91/689/EEC in the corresponding versions, covering waste and dangerous waste.

Waste disposal number of waste from residues/unused products

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste.

Contaminated packaging

Non-contaminated packages may be recycled. Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.
Marine pollutant: NO

Air transport (ICAO)

14.1. UN number: No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.
14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 0 %

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information**Changes**

This data sheet contains changes from the previous version in section(s):
2,4,5,6,7,8,9,10,11,12,13,14,15.

Relevant R-phrases (Number and full text)

65 Harmful: may cause lung damage if swallowed.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Doka-Trenn

Print date: 06.07.2015

Article No.: 2963DOKA-N

Page 7 of 7

66 Repeated exposure may cause skin dryness or cracking.

Relevant H- and EUH-phrases (Number and full text)

H304 May be fatal if swallowed and enters airways.

EUH066 Repeated exposure may cause skin dryness or cracking.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)



Technical Datasheet

Edition September 2015

Doka-Trenn Releasing agent for concrete

PRODUCT OUTLINE

- Product description: Doka-Trenn is a liquid, oily mould releasing agent with low viscosity for concrete.
- Properties: Releasing agent with additives, which ensures a good separation layer by a chemical reaction with concrete components. There is no waiting time necessary between applying the release agent and concreting. No dissolving of painted parts.
- Fields of application: All-purpose release agent for application on moulds of wood, resin-coated wood, plastics and metal.

TECHNICAL DATA

- Density: 0,85 g/cm³
- Flash point: Higher than + 120 °C
- Solubility: immiscible with water
- Viscosity: 7,5 mm²/s at 40 °C
- Consumption: Smooth steel, resin-coated or plastic moulds approx. 10 ml/m²
1 l Doka-Trenn is sufficient for approx. 100 m²
- Wood moulds approx. 20 ml/m²
1 l Doka-Trenn is sufficient for approx. 50 m²



Technical Datasheet

Edition September 2015

Doka-Trenn Releasing agent for concrete

INSTRUCTIONS FOR USE

Surface preparation:	The surface of the moulds should be dry and free of dust and contamination. Remove residues of concrete. Remove rust from steel moulds.
Application method:	Doka-Trenn is ready to use - do not dilute. Application by brush, roller or especially by spraying with Sprayer for Doka-Trenn. Pay attention to an even wafer-thin film.
Application temperature:	Sprayable down to approx. -10 °C
Waiting time:	Not necessary. Protect the treated mould from dirt and rain.
Cleaning of equipment:	With commercial industrial cleaner adapted to remove oily residues. Equipment should be dry for reuse.
Storage:	Store in sealed original container at temperatures higher than -10 °C.
Shelf life:	Approx. 12 months

Transport:	Doka-Trenn is no dangerous good.
Disposal:	Hand residual product over to authorised waste collectors. Waste key number: 54102 to ÖNORM S 2100. European Waste Catalogue: 13 02 05 mineral-based non-chlorinated engine, gear and lubricating oils Empty containers should be recycled.
Accidental spillage measures:	Absorb with liquid-binding material. Do not allow the liquid to reach the sewage system or any water course. Water Hazard Class: WHC 1: Slightly water polluting substance
