Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

1 Identification

· Product identifier

· Trade name: Okapox Beschleuniger neu
· CAS Number: 90-72-2
· Other means of identification
· EC number: 202-013-9
· Index number: 603-069-00-0
· Application of the substance / the mixture: Accelerator
Catalyst

· Details of the supplier of the safety data sheet
· Manufacturer/Supplier: Kiesel Bauchemie GmbH & Co. KG
Wolf-Hirth-Str. 2
D-73730 Esslingen
Germany
E-Mail:
info.canada@cemex.com
info.usa@cemex.com

· Information department: Laboratory, departments of enviromental protection and labor protection

2 Hazard identification

· Classification of the substance or mixture



GHS05 Corrosion

Skin Corrosion - Category 1A H314 Causes severe skin burns and eye damage.



GHS07

Acute Toxicity (Oral) - Category 4 H302 Harmful if swallowed.
· Additional information: The full text of the classification and labeling elements mentioned is given in Section 16.

· Label elements
· GHS label elements: The substance is classified and labeled according to the Globally Harmonized System (GHS).
· Hazard pictograms



GHS05 GHS07

· Signal word: Danger

· Hazard-determining components of labeling: 2,4,6-Tri-(dimethylaminomethyl)phenol
· Hazard statements: Harmful if swallowed.
Causes severe skin burns and eye damage.
· Precautionary statements: Do not breathe dust or mists.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

(Contd. on page 2)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 **Version number 7** **Revision: 10/05/2026**

Trade name: Okapox Beschleuniger neu

(Contd. of page 1)

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container in accordance with local/ regional/national/international regulations.

· Information pertaining to particular dangers for man and environment:
· Classification system:
· NFPA ratings (scale 0 - 4)



Health = 3
Fire = 1
Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = *3
Fire = 1
Reactivity = 0

3 Composition/Information on ingredients

· Composition/Information on ingredients .
· Chemical characterization: Substances
· CAS No. Description CAS: 90-72-2 2,4,6-Tri-(dimethylaminomethyl)phenol
· Identification number(s)
· EC number: 202-013-9
· Index number: 603-069-00-0

4 First-aid measures

· Description of first aid measures

· General information: symptoms of intoxication could develop after hours, therefore medical surveillance at least for 48 h after the incident.
Immediately remove any clothing soiled by the product.
If you feel unwell, seek medical advice.

· After inhalation: In case of unconsciousness place patient stably in side position for transportation.
Seek medical treatment in case of complaints.

· After skin contact: If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.

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

· After swallowing: Immediately call a doctor.

(Contd. on page 3)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 2)

Drink copious amounts of water and provide fresh air. Immediately call a doctor.

· Most important symptoms and effects, both acute and delayed: No further relevant information available.

· Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

· Suitable extinguishing agents: CO_2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.
Use fire fighting measures that suit the environment.

· For safety reasons unsuitable extinguishing agents: Water with full jet

· Special hazards arising from the substance or mixture: During heating or in case of fire poisonous gases are produced.
No further relevant information available.

· Advice for firefighters

· Protective equipment: Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.

· Additional information: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures: Wear protective clothing.
Mount respiratory protective device.

· Environmental precautions: Do not allow to enter sewers/ surface or ground water.
Dilute with plenty of water.

· Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Use neutralizing agent.
Dispose contaminated material as waste according to section 13.

· 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.

7 Handling and storage

· Precautions for safe handling: Keep receptacles tightly sealed.

(Contd. on page 4)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 3)

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

· Information about protection against explosions and fires: Keep respiratory protective device available.

· 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: Store away from foodstuffs.
· Further information about storage conditions: Keep receptacle tightly sealed.
· Specific end use(s) No further relevant information available.

8 Exposure controls/ Personal protection

· Control parameters
· Components with limit values that require monitoring at the workplace:

· Additional information: The lists that were valid during the creation were used as basis.

· Exposure controls
· Appropriate engineering controls: No further data; see section 7.
· 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.
Avoid contact with the eyes and skin.
· Breathing equipment: Filter A/P2
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
· Protection of hands: Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· Material of gloves Nitrile rubber, NBR
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· Eye protection: Tightly sealed goggles.

(Contd. on page 5)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 4)

*
9 Physical and chemical properties

· Information on basic physical and chemical properties	
· Physical state	Liquid
· Color:	Yellowish
· Odor:	Amine-like
· Odor threshold:	Not determined
· Melting point/Melting range:	-20 °C
· Boiling point/Boiling range:	>200 °C
· Flammability:	Not applicable
· Explosion limits:	
· Lower:	Not determined
· Upper:	Not determined
· Flash point:	115 °C
· Auto igniting:	382 °C
· Decomposition temperature:	Not determined
· pH-value:	Mixture is non-soluble (in water).
· Viscosity:	
· Kinematic:	Not determined
· Dynamic at 20 °C:	150 mPas
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 50 °C:	<5 hPa
· Vapor pressure:	
· Density at 20 °C:	1.1 g/cm³
· Relative density	Not determined
· Vapor density	Not determined
· Particle characteristics	Not applicable

· Other information	
· Appearance:	
· Form:	Fluid
· AUTO IGNITION:	Not determined
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· VOC-Content	0.00 % 0.0 g/l / 0.00 lb/gal
· Solids content:	0.0 %
· Volatile Organic Compounds	0.0 g/l 0.00 %
· Change in condition	
· Evaporation rate	Not determined

10 Stability and reactivity

· Reactivity	No further relevant information available.
· Chemical stability	
· Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.

(Contd. on page 6)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 5)

· Possibility of hazardous reactions	No dangerous reactions known.
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	No further relevant information available.
· Hazardous decomposition products:	No dangerous decomposition products known.

11 Toxicological information

· Information on toxicological effects
· Acute toxicity:

· LD/LC50 values that are relevant for classification:		
CAS: 90-72-2 2,4,6-Tri-(dimethylaminomethyl)phenol		
Oral	LD50	1,653 mg/kg (Rat)
Dermal	LD50	>1,000 mg/kg (Rat)

· Primary irritant effect:	
· on the skin:	Strong caustic effect on skin and mucous membranes.
· on the eye:	Strong caustic effect.
· Sensitization:	No sensitizing effects known.
· Additional toxicological information:	Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.
· Carcinogenic categories	
· IARC (International Agency for Research on Cancer)	Substance is not listed.
· NTP (National Toxicology Program)	Substance is not listed.

12 Ecological information

· Toxicity

· Aquatic toxicity:	
CAS: 90-72-2 2,4,6-Tri-(dimethylaminomethyl)phenol	
LC 50 (96h)	180-240 mg/l (Oncorhychus mykiss (Regenbogenforelle))

· Persistence and degradability	No further relevant information available.
· Bioaccumulative potential	No further relevant information available.
· Mobility in soil	No further relevant information available.
· Results of PBT and vPvB assessment	
· PBT:	Not applicable
· vPvB:	Not applicable
· Other adverse effects	
· Additional ecological information:	
· General notes:	Water hazard class 1 (Assessment by list): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

(Contd. on page 7)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 6)

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

13 Disposal considerations

· Waste treatment methods
· Recommendation: Disposal in accordance with official regulations
· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.
· Recommended cleansing agent: Water, if necessary with cleansing agents.

*

14 Transport information

· UN-Number
· DOT/TDG, ADR, IMDG, IATA: UN2735

· UN proper shipping name
· DOT/TDG: Amines, liquid, corrosive, n.o.s. (2,4,6-Tri-(dimethylaminomethyl)phenol)
· ADR: 2735 Amines, liquid, corrosive, n.o.s. (2,4,6-Tri-(dimethylaminomethyl)phenol)
· IMDG, IATA: AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-tris(dimethylaminomethyl)phenol)

· Transport hazard class(es)

· DOT/TDG (Transport dangerous goods):



· Class: 8 Corrosive substances
· Label: 8

· ADR, IMDG, IATA



· Class: 8 Corrosive substances
· Label: 8

· Packing group
· DOT/TDG, ADR, IMDG, IATA: II

· Environmental hazards: Not applicable

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

· Transport/Additional information:

· ADR
· Excepted quantities (EQ): Code: E2
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging:

(Contd. on page 8)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 Version number 7 Revision: 10/05/2026

Trade name: Okapox Beschleuniger neu

(Contd. of page 7)

·	500 ml
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Special precautions for user	Warning: Corrosive substances
· Hazard identification number (Kemler code):	80
· EMS Number:	F-A,S-B
· Segregation groups	(SGG18) Alkalis
· Stowage Category	A
· Segregation Code	SG35 Stow "separated from" SGG1-acids
· UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (2,4,6-TRI-(DIMETHYLAMINOMETHYL) PHENOL), 8, II

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

· Section 355 (extremely hazardous substances): Substance is not listed.

· Section 313 (Specific toxic chemical listings): Substance is not listed.

· TSCA (Toxic Substances Control Act): ACTIVE

· MAK (German Maximum Workplace Concentration) Substance is not listed.

· Per- and polyfluoroalkyl substances (PFAS) Substance is not listed.

· GHS label elements The substance is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms



GHS05 GHS07

· Signal word Danger

· Hazard-determining components of labeling: 2,4,6-Tri-(dimethylaminomethyl)phenol

· Hazard statements
Harmful if swallowed.
Causes severe skin burns and eye damage.

· Precautionary statements
Do not breathe dust or mists.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.

(Contd. on page 9)

Safety Data Sheet
according to HPR, Schedule 1

Date of issue 10/05/2026 **Version number 7** **Revision: 10/05/2026**

Trade name: Okapox Beschleuniger neu

(Contd. of page 8)

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Wash contaminated clothing before reuse.
Store locked up.
Dispose of contents/container in accordance with local/ regional/national/international regulations.

· **National regulations:**
· **Information about limitation of use:** *Employment restrictions concerning young persons must be observed.*
Employment restrictions concerning pregnant and lactating women must be observed.
· **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

16 Other information

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's harzards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use, or reliance in this information, nor do we guarantee its accuracy or completeness.

· **Date of previous version** *10/05/2026*
· **Version number of previous version:** *6*
· **Date of preparation** *10/05/2026*
· **Abbreviations and acronyms:**
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**