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OKS 2200

Version **Revision Date:** Date of last issue: 07.05.2020 Print Date: 25.10.2022 Date of first issue: 11.09.2013 25.10.2022 2.2

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

Product name : OKS 2200

Manufacturer or supplier's details

Company name of supplier OKS Spezialschmierstoffe GmbH

Ganghoferstr. 47

D-82216 Maisach-Gernlinden Tel.: +49 8142 3051 500 Fax.: +49 8142 3051 599 info@oks-germany.com

E-mail address of person

mcm@oks-germany.com responsible for the SDS

Material Compliance Management

Emergency telephone

: +7 495 628 1687 number +49 8142 3051 517

Recommended use of the chemical and restrictions on use

Recommended use Anticorrosion additive

Restrictions on use Restricted to professional users.

2. HAZARDS IDENTIFICATION

GHS Classification (According to GOST 32423, GOST 32424 and GOST 32425)

Skin sensitisation : Category 1

Short-term (acute) aquatic

hazard

Category 3

GHS-Labelling (According to GOST 31340)

Hazard pictograms

Signal word Warning

Hazard statements H317 May cause an allergic skin reaction.

H402 Harmful to aquatic life.

Precautionary statements Prevention:

P261 Avoid breathing vapours.

P272 Contaminated work clothing should not be allowed out of

the workplace.

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

P273 Avoid release to the environment.

P280 Wear protective gloves.

Response:

P333 + P313 If skin irritation or rash occurs: Get medical

advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before

reuse.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture : Mixture

Chemical nature : Aqueous emulsion

Components

Chemical name	Concentration (% w/w)	Occupational Exposure Limits		CAS-No.	EC-No.
		MAC value mg/m3 / TSEL value	Hazard Class		
2,2',2"-nitrilotriethanol	>= 1 - < 10	TSEL: 5 mg/m3 Data Source: RU TSEL		102-71-6	203-049-8
Sulfonic acids, petroleum, calcium salts	>= 1 - < 10	No data available		61789-86-4	263-093-9
2-methylisothiazol- 3(2H)-one	>= 0,0025 - < 0,025	No data available		2682-20-4	220-239-6
N-(3-aminopropyl)-N- dodecylpropane-1,3- diamine	>= 0,0025 - < 0,025	MPC-STEL: 1 mg/m3 Data Source: RU OEL	2,, +	2372-82-9	219-145-8

4. FIRST AID MEASURES

If inhaled : Remove person to fresh air. If signs/symptoms continue, get

medical attention.

Keep patient warm and at rest.

If unconscious, place in recovery position and seek medical

advice.



- RU



OKS 2200

Version **Revision Date:** Date of last issue: 07.05.2020 Print Date: 25.10.2022 Date of first issue: 11.09.2013 25.10.2022 2.2

Keep respiratory tract clear.

If breathing is irregular or stopped, administer artificial

respiration.

Take off all contaminated clothing immediately. In case of skin contact

> Wash off immediately with soap and plenty of water. Get medical attention immediately if irritation develops and

persists.

Wash clothing before reuse.

Thoroughly clean shoes before reuse.

In case of eye contact Rinse immediately with plenty of water, also under the eyelids,

for at least 10 minutes.

If eye irritation persists, consult a specialist.

If swallowed Move the victim to fresh air.

If unconscious, place in recovery position and seek medical

advice.

Keep respiratory tract clear. Do NOT induce vomiting. Rinse mouth with water.

Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and

delayed

May cause an allergic skin reaction.

Allergic appearance

Notes to physician The first aid procedure should be established in consultation

with the doctor responsible for industrial medicine.

5. FIREFIGHTING MEASURES

Flammable properties

Flash point does not flash Ignition temperature No data available

Upper explosion limit / Upper : No data available

flammability limit

Lower explosion limit / Lower :

flammability limit

No data available

Flammability (liquids) Will not burn

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide.

Unsuitable extinguishing

media

High volume water jet

Hazardous combustion Carbon oxides

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

products Nitrogen oxides (NOx)

Sulphur oxides

Further information : Standard procedure for chemical fires.

Special protective equipment

for firefighters

In the event of fire, wear self-contained breathing apparatus.

Use personal protective equipment.

Exposure to decomposition products may be a hazard to

health.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Evacuate personnel to safe areas.

Use personal protective equipment.

Ensure adequate ventilation.

Do not breathe vapours or spray mist.

Refer to protective measures listed in sections 7 and 8.

Environmental precautions

Do not allow contact with soil, surface or ground water.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to

local / national regulations (see section 13).

7. HANDLING AND STORAGE

Advice on safe handling : Do not breathe vapours or spray mist.

Avoid contact with skin and eyes. For personal protection see section 8.

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is

being used.

Smoking, eating and drinking should be prohibited in the

application area.

Wash hands and face before breaks and immediately after

handling the product.

Do not get in eyes or mouth or on skin.

Do not get on skin or clothing.

Do not ingest. Do not repack.

Do not re-use empty containers.

These safety instructions also apply to empty packaging which

may still contain product residues. Keep container closed when not in use.

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Conditions for safe storage : Store in original container.

Keep container closed when not in use. Keep in a dry, cool and well-ventilated place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage.

Store in accordance with the particular national regulations.

Keep in properly labelled containers.

Protect from frost.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Data Source
2,2',2"-nitrilotriethanol	102-71-6	TSEL (mixture of vapour and aerosol)	5 mg/m3	RU TSEL (2021-02-03)
N-(3-aminopropyl)-N- dodecylpropane-1,3-diamine	2372-82-9	MPC-STEL (aerosol)	1 mg/m3	RU OEL (2021-02-03)
	Further information: Class 2 - Highly dangerous, Allergens, Substances which require special skin and eye protection			

Engineering measures: Maintain air concentrations below occupational exposure

standards.

Personal protective equipment

Respiratory protection : Not required; except in case of aerosol formation.

Filter type : Filter type A-P

Hand protection

Material : butyl-rubber
Break through time : > 10 min
Protective index : Class 1

Remarks : For prolonged or repeated contact use protective gloves. The

break through time depends amongst other things on the material, the thickness and the type of glove and therefore

has to be measured for each case.

Eye protection : Safety glasses with side-shields

Skin and body protection : Choose body protection in relation to its type, to the

concentration and amount of dangerous substances, and to

the specific work-place.

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Protective measures : The type of protective equipment must be selected according

to the concentration and amount of the dangerous substance

at the specific workplace.

Hygiene measures : Wash face, hands and any exposed skin thoroughly after

handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Emulsion

Colour : beige

Odour : characteristic

Odour Threshold : No data available

pH : 8,8 (20 °C)

Concentration: 100 %

Melting point/range : No data available

Boiling point/boiling range : 100 °C

(1.013 hPa)

Flash point : does not flash

Evaporation rate : No data available

Flammability (liquids) : Will not burn

Self-ignition : not auto-flammable

Upper explosion limit / Upper

flammability limit

No data available

Lower explosion limit / Lower

flammability limit

No data available

Vapour pressure : 9,4 hPa (20 °C)

Relative vapour density : No data available

Relative density : 0,98 (20 °C)

Reference substance: Water

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

The value is calculated

Density : 0,98 g/cm3 (20 °C)

Bulk density : No data available

Solubility(ies)

Water solubility : soluble

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

No data available

Auto-ignition temperature : No data available

Decomposition temperature : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 30 mm2/s (40 °C)

Explosive properties : Not explosive

Oxidizing properties : No data available

Sublimation point : No data available

Metal corrosion rate : Not corrosive to metals

10. STABILITY AND REACTIVITY

Reactivity : No hazards to be specially mentioned.

Chemical stability : Stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid : No conditions to be specially mentioned.

Incompatible materials : No materials to be especially mentioned.

Hazardous decomposition

products

No decomposition if stored and applied as directed.

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Remarks: This information is not available.

Acute inhalation toxicity : Remarks: This information is not available.

Acute dermal toxicity : Symptoms: Redness, Local irritation

Components:

2,2',2"-nitrilotriethanol:

Acute oral toxicity : LD50 (Rat): 6.400 mg/kg

Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg

Method: OECD Test Guideline 402

Assessment: The substance or mixture has no acute dermal

toxicity

2-methylisothiazol-3(2H)-one:

Acute oral toxicity : LD50 (Rat): 120 mg/kg

Method: OPPTS 870.1100

GLP: yes

Acute inhalation toxicity : LC50 (Rat): 0,11 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

GLP: yes

Acute dermal toxicity : LD50 (Rat): 242 mg/kg

Method: OECD Test Guideline 402

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Acute oral toxicity : LD50 Oral (Rat): 261 mg/kg

Method: OECD Test Guideline 401

Remarks: Toxic if swallowed.

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Symptoms: Pain, Stomach/intestinal disorders

Acute inhalation toxicity : Remarks: Risk of delayed pulmonary oedema.

Effects of breathing high concentrations of vapour may

include:

Irritating to respiratory system.

Acute dermal toxicity : Symptoms: Blistering, Redness

Skin corrosion/irritation

Product:

Remarks : This information is not available.

Components:

2,2',2"-nitrilotriethanol:

Species : Rabbit

Assessment : No skin irritation

Method : OECD Test Guideline 404

Result : No skin irritation

2-methylisothiazol-3(2H)-one:

Species : Rabbit

Assessment : Causes burns.

Method : OECD Test Guideline 404

Result : Causes burns.

GLP : yes

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Result : Causes severe burns.

Remarks : Causes skin burns.

Serious eye damage/eye irritation

Product:

Remarks : This information is not available.

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Components:

2,2',2"-nitrilotriethanol:

Species : Rabbit

Result : No eye irritation
Assessment : No eye irritation

Method : OECD Test Guideline 405

2-methylisothiazol-3(2H)-one:

Result : Risk of serious damage to eyes.
Assessment : Risk of serious damage to eyes.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Result : No eye irritation

Remarks : Acute eye irritation/corrosion

Causes eye burns.

Respiratory or skin sensitisation

Product:

Remarks : This information is not available.

Components:

2,2',2"-nitrilotriethanol:

Species : Guinea pig

Assessment : Does not cause skin sensitisation.

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

Sulfonic acids, petroleum, calcium salts:

Assessment : The product is a skin sensitiser, sub-category 1B.

2-methylisothiazol-3(2H)-one:

Test Type : Buehler Test Species : Guinea pig

Assessment : The product is a skin sensitiser, sub-category 1A.

Method : OECD Test Guideline 406

Result : The product is a skin sensitiser, sub-category 1A.

GLP : yes

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Germ cell mutagenicity

Product:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Components:

2-methylisothiazol-3(2H)-one:

Germ cell mutagenicity -

Assessment

Tests on bacterial or mammalian cell cultures did not show

mutagenic effects.

Carcinogenicity

Product:

Remarks : No data available

Components:

2-methylisothiazol-3(2H)-one:

Carcinogenicity -

Assessment

: No evidence of carcinogenicity in animal studies.

Reproductive toxicity

Product:

Effects on fertility : Remarks: No data available

Effects on foetal development

: Remarks: No data available

Components:

2-methylisothiazol-3(2H)-one:

Reproductive toxicity - : - Fertility -

Assessment

No toxicity to reproduction

- Teratogenicity -

No effects on or via lactation

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

STOT - single exposure

Components:

2,2',2"-nitrilotriethanol:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

2-methylisothiazol-3(2H)-one:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, single exposure.

STOT - repeated exposure

Components:

2,2',2"-nitrilotriethanol:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

2-methylisothiazol-3(2H)-one:

Assessment : The substance or mixture is not classified as specific target

organ toxicant, repeated exposure.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Assessment : May cause damage to organs through prolonged or repeated

exposure.

Repeated dose toxicity

Product:

Remarks : This information is not available.

Aspiration toxicity

Product:

This information is not available.

Components:

2,2',2"-nitrilotriethanol:

No aspiration toxicity classification

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

2-methylisothiazol-3(2H)-one:

No aspiration toxicity classification

Further information

Product:

Remarks : Information given is based on data on the components and

the toxicology of similar products.

Components:

2-methylisothiazol-3(2H)-one:

Remarks : Ingestion causes burns of the upper digestive and respiratory

tracts.

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Remarks : Ingestion causes burns of the upper digestive and respiratory

tracts.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish

Remarks: Harmful to aquatic organisms.

Toxicity to daphnia and other :

aquatic invertebrates

Remarks: No data available

Toxicity to algae/aquatic

plants

Remarks: No data available

Toxicity to microorganisms : Remarks: No data available

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Components:

2,2',2"-nitrilotriethanol:

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 11.800 mg/l

Exposure time: 96 h

Test Type: flow-through test

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Ceriodaphnia dubia (water flea)): 609,88 mg/l

Exposure time: 48 h

Test Type: flow-through test

Toxicity to algae/aquatic

plants

EC50 (Desmodesmus subspicatus (green algae)): 216 mg/l

Exposure time: 72 h Test Type: static test

2-methylisothiazol-3(2H)-one:

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0,93 mg/l

Exposure time: 48 h

Test Type: flow-through test Method: OECD Test Guideline 202

GLP: yes

M-Factor (Acute aquatic

toxicity)

10

Toxicity to daphnia and other : NOEC (Daphnia magna (Water flea)): 0,044 mg/l

aquatic invertebrates

(Chronic toxicity)

Exposure time: 21 d
Test Type: flow-through test

Method: OECD Test Guideline 211

M-Factor (Chronic aquatic

toxicity)

1

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 0,45 mg/l

Exposure time: 96 h

Remarks: Very toxic to aquatic organisms, may cause long-

term adverse effects in the aquatic environment.

Very toxic to aquatic organisms.

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 0,073 mg/l

Exposure time: 48 h

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

Toxicity to algae/aquatic

plants

EbC50 (Desmodesmus subspicatus (green algae)): 0,012

mg/l

Exposure time: 72 h

Method: OECD Test Guideline 201

M-Factor (Acute aquatic

toxicity)

10

M-Factor (Chronic aquatic

toxicity)

: 1

Ecotoxicology Assessment

Acute aquatic toxicity : Very toxic to aquatic life.

Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Physico-chemical

removability

Remarks: No data available

Components:

2,2',2"-nitrilotriethanol:

Biodegradability : Result: Readily biodegradable.

Bioaccumulative potential

Product:

Bioaccumulation : Remarks: This mixture contains no substance considered to

be persistent, bioaccumulating and toxic (PBT).

This mixture contains no substance considered to be very

persistent and very bioaccumulating (vPvB).

Components:

2,2',2"-nitrilotriethanol:

Partition coefficient: n-

log Pow: -2,3 (25 °C)

octanol/water

2-methylisothiazol-3(2H)-one:

Partition coefficient: n- : log Pow: -0,486 (25 °C)

a brand of FREUDENBERG

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OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

octanol/water pH: 7

Mobility in soil

Product:

Mobility : Remarks: No data available

Distribution among : Remarks: No data available

environmental compartments

Other adverse effects

Product:

Additional ecological

information

: No information on ecology is available.

Components:

2,2',2"-nitrilotriethanol:

Results of PBT and vPvB

assessment

Non-classified vPvB substance Non-classified PBT substance

N-(3-aminopropyl)-N-dodecylpropane-1,3-diamine:

Additional ecological

information

Very toxic to aquatic organisms, may cause long-term adverse

effects in the aquatic environment.

Very toxic to aquatic life.

Hygienic standards:

(Allowable concentration in air, water, including fishery waters, soil)

Components	Air	Water	Soil	Data Source
2,2',2"-nitrilotriethanol	TSEL value: 0,04 mg/m3	Maximum Permissible Concentration: 0,01 Milligrams per cubed decimeter Limiting health hazard indicator: toxic Hazard class: 3 Maximum Allowable Concentration: 1 mg/l Limiting health hazard indicator: organoleptic; gives	No data available	List 2 List 4 List 5

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

	taste to water Hazard class: Class 4 - low hazard	

For explanation of abbreviations see section 16.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : The product should not be allowed to enter drains, water

courses or the soil.

Do not dispose of with domestic refuse.

Dispose of as hazardous waste in compliance with local and

national regulations.

Contaminated packaging : Packaging that is not properly emptied must be disposed of as

the unused product.

Dispose of waste product or used containers according to

local regulations.

The following Waste Codes are only suggestions:

Waste Code : unused product

16 10 01, aqueous liquid wastes containing hazardous

substances

uncleaned packagings

15 01 10*, packaging containing residues of or contaminated

by hazardous substances

14. TRANSPORT INFORMATION

ADR

Not regulated as a dangerous good

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Special precautions for user

Not applicable



- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

15. REGULATORY INFORMATION

National regulatory information

Federal Law of 21.07.1997 No. 116-FZ (amended on 11.06.2021) "On industrial safety of hazardous production facilities".

Federal Law of 24.06.1998 No. 89-FZ (amended on 02.07.2021) "On production and consumption waste".

Federal Law of 30.03.1999 No. 52-FZ (amended on 02.07.2021) "On the Sanitary and Epidemiological Well-Being of the Population" (amended and supplemented, entered into force on 31.10.2021).

Federal Law of 04.05.1999 No. 96-FZ "On the protection of atmospheric air" (as amended on December 8. 2020).

Federal Law of 27.12.2002 No. 184-FZ (amended on 02.07.2021) "On Technical Regulation" (amended and supplemented, entered into force on 01.09.2021).

Federal Law of 10.01.2002 No. 7-FZ (amended on 02.07.2021) "On environmental protection". Federal Law of 22.07.2008 No. 123-FZ "Technical Regulations on Fire Safety Requirements" TECHNICAL REGULATIONS OF THE CUSTOMS UNION TR CU 030/2012 On requirements for lubricants, oils and special fluids (amended on 03.03.2017).

International Regulations

Montreal Protocol : Not applicable

Rotterdam Convention (Prior Informed Consent) : Not applicable

Stockholm Convention (Persistent Organic Pollutants) : Not applicable

16. OTHER INFORMATION

List of data sources used in the preparation of the Safety Data Sheet

GOST 30333-2007. Interstate standard. Safety data sheet for chemical products. Primary requirements.

GOST 12.1.004-91 System of labor safety standards (SSBT). Fire safety. General requirements. GOST 12.1.007-76 Occupational safety standards system. Noxious substances. Classification

and general safety requirements

GOST 12.1.044-89 SSBT. Fire and explosion hazard of substances and materials. Nomenclature of indicators and methods for their determination.

GOST 12.4.021 System of labor safety standards (SSBT). Ventilation systems. General requirements.

GOST 12.4.137-2001 Special footwear with leather uppers for protection against oil, oil products, acids, alkalis, non-toxic and explosive dust. Technical conditions.

GOST 12.4.252-2013 System of labor safety standards (SSBT). Means of individual protection of hands. Gloves. General technical requirements. Test methods.

GOST 14192-96. Interstate standard. Cargo marking. Minsk, 1998.

GOST 19433-88 Dangerous goods. Classification and labeling.



- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

GOST 31340-2013. Interstate standard. Precautionary labeling of chemical products. General requirements.

GOST 32419-2013 Classification of the hazard of chemical products. General requirements.

GOST 32421-2013 Classification of chemical products, the hazard of which is due to physical and chemical properties. Test methods for explosive chemical products.

GOST 32423-2013 Hazard classification of mixed chemical products by their effects on the body. GOST 32424-2013 Classification of the hazard of chemical products by their impact on the environment. Basic provisions.

GOST 32425-2013 Hazard classification of mixed chemical products in terms of environmental impact.

GOST R 53264-2019 Fire fighting equipment. Special protective clothing for firefighters. General technical requirements. Test methods.

GOST R 53265-2019 Fire fighting equipment. Personal protective equipment for the feet of the firefighter. General technical requirements. Test methods.

GOST R 53268-2009 Fire fighting equipment. Fire rescue belts. General technical requirements. Test methods.

GOST R 53269-2019 Fire fighting equipment. Firefighters helmets. General technical requirements. Test methods.

SanPiN 1.2.2353-08 "Carcinogenic factors and basic requirements for the prevention of carcinogenic hazard".

SanPiN 1.2.3685-21 "Hygienic standards and requirements for ensuring the safety and (or) harmlessness to humans of environmental factors" dated 28.01.2021.

SanPiN 2.1.3684-21 "Sanitary and epidemiological requirements for the maintenance of the territories of urban and rural settlements, for water bodies, drinking water and drinking water supply, atmospheric air, soils, living quarters, the operation of industrial, public premises, the organization and implementation of sanitary and anti-epidemic (preventive) measures".

SanPiN 2.2.0.555-96. 2.2. Labor hygiene. Hygienic requirements for working conditions for women. Sanitary rules and regulations.

Carriage of dangerous goods, International maritime dangerous goods (IMDG) code.

Water quality standards for fishery water bodies, including standards for maximum permissible concentrations of harmful substances in the waters of fishery water bodies (approved by order of the Ministry of Agriculture of Russia dated December 13, 2016 No. 552).

Regulations for the carriage of dangerous goods (Appendix 1 and 2) to the Agreement on International Goods Transport by Rail (SMGS), 2009.

Agreement on International Goods Transport by Rail (SMGS).

UN Recommendations on the Transport of Dangerous Goods. Typical rules. Twenty-second revised edition. United Nations, New York and Geneva, 2021.

Montreal Protocol (Ozone Depleting Substances)

Stockholm Convention (Persistent Organic Pollutants)

Full text of other abbreviations

Acute Tox. : Acute toxicity

Aquatic Acute : Short-term (acute) aquatic hazard
Aquatic Chronic : Long-term (chronic) aquatic hazard

Eye Dam. : Serious eye damage Skin Corr. : Skin corrosion Skin Sens. : Skin sensitisation

STOT RE : Specific target organ toxicity - repeated exposure

RU OEL : SanPiN 1.2.3685-21 Table 2.1, Table 2.8, Table 2.16 & Table

2.17 Maximum permissible concentrations (MPC) in the air of

the working area

RU TSEL : SanPiN 1.2.3685-21 Table 2.2 Tentative Safe Exposure

Levels (TSELs) of Pollutants in the Air of the Working Area

- RU



OKS 2200

VersionRevision Date:Date of last issue: 07.05.2020Print Date:2.225.10.2022Date of first issue: 11.09.201325.10.2022

RU OEL / MPC-STEL : Maximum Permissible Concentration - Short Term Exposure

RU TSEL / TSEL : TSEL value

List 2 : SanPiN 1.2.3685-21 Table 1.2, Table 1.12 & Table 1.13

Tentative Safe Exposure Levels (TSEL) in the air of urban and

rural settlements

List 4 : SanPiN 1.2.3685-21 Table 3.13, Table 3.15, Table 3.16 &

Table 3.17 Maximum permissible concentrations (MPC) of chemicals in the water of drinking systems of centralized, including hot, and non-centralized water supply, water of underground and surface water bodies of domestic drinking and cultural and domestic water use, water of swimming

pools, water parks

List 5 : Order of the Russian Federal Fisheries Agency "Standards of

maximum permissible concentrations of harmful substances in

fishery water bodies"

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development: OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID -Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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OKS 2200

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