according to GB/T 16483 and GB/T 17519 $\ensuremath{\text{CN}}$



OKS 3521

VersionRevision Date:Date of last issue: 2019-03-252.12022-07-06Date of first issue: 2014-05-08Print Date: 2022-07-07

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	OKS 3521
Chemical nature	:	Active substance with propellant ester oil Synthetic hydrocarbon oil
Manufacturer or supplier's de	eta	ils
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 responsible for the SDS	:	mcm@oks-germany.com Material Compliance Management
National contact	:	
Emergency telephone number	:	+86 532 8388 9090 (NRCC, only for hazardous chemicals) +86 21 69225521
Recommended use of the ch	em	ical and restrictions on use
Recommended use	:	Lubricant
Restrictions on use	:	Restricted to professional users.

2. HAZARDS IDENTIFICATION

Emergency Overview

Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful to aquatic life with long lasting effects.		
1		

Short-term (acute) aquatic	:	Category 3
----------------------------	---	------------



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hazard

Long-term (chronic) aquatic : hazard	Category 3
GHS label elements	
Hazard pictograms :	
Signal word :	Danger
Hazard statements :	H222 Extremely flammable aerosol. H229 Pressurised container: May burst if heated. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements :	Prevention: P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P273 Avoid release to the environment.
	Storage: P410 + P412 Protect from sunlight. Do not expose to tempera- tures exceeding 50 °C/ 122 °F.
	Disposal: P501 Dispose of contents/containers according the local gov- ernment requirements.
Physical and chemical hazards	

Extremely flammable aerosol. Pressurised container: May burst if heated.

Health hazards

Not classified based on available information.

Environmental hazards

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

Other hazards which do not result in classification

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture

: Mixture

2/17



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Components

Chemical name	CAS-No.	Concentration (% w/w)
Butane	106-97-8	>= 20 -< 30
propane	74-98-6	>= 1 -< 10
tris(methylphenyl) phosphate	1330-78-5	>= 0.25 -< 1

4. FIRST AID MEASURES

If inhaled	:	Obtain medical attention. 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. Keep respiratory tract clear. If breathing is irregular or stopped, administer artificial respira- tion.
In case of skin contact	:	Take off all contaminated clothing immediately. Get medical attention immediately if irritation develops and persists. Wash clothing before reuse. Thoroughly clean shoes before reuse. Wash off immediately with plenty of water.
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. Keep respiratory tract clear. Do NOT induce vomiting. Obtain medical attention. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed	:	Inhalation may provoke the following symptoms: Unconsciousness Dizziness Drowsiness Headache Nausea Tiredness
Notes to physician	:	Treat symptomatically.



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5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	ABC powder
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Fire Hazard Do not let product enter drains. Contains gas under pressure; may explode if heated. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx)
Specific extinguishing meth- ods	:	Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Cool containers/tanks with water spray.
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, protec- tive equipment and emer- gency procedures	Evacuate personnel to safe areas. Ensure adequate ventilation. Remove all sources of ignition. 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 ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to loca / national regulations (see section 13). Keep in suitable, closed containers for disposal. Non-sparking tools should be used.
Prevention of secondary hazards	Only qualified personnel equipped with suitable protective equipment may intervene.

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7. HANDLING AND STORAGE

Handling		
Advice on safe handling	:	Do not use in areas without adequate ventilation. Do not breathe vapours or spray mist. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. For personal protection see section 8. Keep away from fire, sparks and heated surfaces. Smoking, eating and drinking should be prohibited in the ap- plication 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 use sparking tools. These safety instructions also apply to empty packaging which may still contain product residues. Pressurized container: protect from sunlight and do not ex- pose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.
Avoidance of contact	:	Oxidizing agents
Storage		
Conditions for safe storage	:	BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. Store in accordance with the particular national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

• •	•			
Components	CAS-No.	Value type (Form of	Control parame- ters / Permissible	Basis
		exposure)	concentration	
Butane	106-97-8	STEL	1,000 ppm	ACGIH
				(2018-03-20)
tris(methylphenyl) phosphate	1330-78-5	PC-TWA	0.3 mg/m3	CN OEL (2019-08-27)

Components with workplace control parameters



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L		Further information: Skin
Engineering measures	:	Use only in an area equipped with explosion proof exhaust ventilation. Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Personal protective equipn	nent	
Respiratory protection	:	In case of insufficient ventilation, wear suitable respiratory equipment. Short term only Combination filter:
Filter type	:	Filter type A-P
Eye/face protection	:	Safety glasses with side-shields
Skin and body protection	:	Choose body protection in relation to its type, to the concen- tration and amount of dangerous substances, and to the spe- cific work-place.
Hand protection		
Remarks	:	Protective gloves The choice of an appropriate glove does not only depend on its material but also on other quality fea- tures and is different from one producer to the other. 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.
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	:	aerosol
Colour	:	yellow
Odour	:	characteristic



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Odour Threshold	:	No data available
рН	:	Not applicable substance/mixture is non-soluble (in water)
Melting point/range	e :	No data available
Boiling point/boiling	g range :	-11 °C (1,013 hPa)
Flash point	:	-60 °C
		Method: Abel-Pensky
Evaporation rate	:	No data available
Flammability (solid	, gas) :	Extremely flammable aerosol.
Self-ignition	:	not auto-flammable
Upper explosion lir flammability limit	nit / Upper :	8.5 %(V)
Lower explosion lir flammability limit	nit / Lower :	1.5 %(V)
Vapour pressure	:	3,300 hPa (20 °C)
Relative vapour de	ensity :	No data available
Relative density	:	0.76 (20 °C) Reference substance: Water The value is calculated
Density	:	0.65 g/cm3 (20 °C)
Bulk density	:	No data available
Solubility(ies) Water solubility	:	insoluble
Solubility in othe	er solvents :	No data available
Partition coefficient octanol/water	t: n- :	No data available
Auto-ignition tempe	erature :	No data available



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Decomposition temperature	:	No data available
Viscosity Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	< 20.5 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 reac- tions	:	No dangerous reaction known under conditions of normal use.
Conditions to avoid	:	Heat, flames and sparks. Strong sunlight for prolonged periods. Risk of receptacle bursting.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute toxicity		
Product: Acute oral toxicity	:	Remarks: This information is not available.
Acute inhalation toxicity	:	Remarks: Harmful by inhalation.
		Symptoms: Inhalation may provoke the following symptoms:,



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Acute dermal toxicity : Remarks: This information is not available. Components: Evaluation toxicity : LC50 (Rat): 658 mg/l Exposure time: 4 h Test atmosphere: gas Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation : No skin irritation is not available. Components: : No skin irritation Species : No skin irritation Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation : No skin irritation Broduct: : No skin irritation	ersion 1			
Acute dermal toxicity : Remarks: This information is not available. Components: Evaluation toxicity : LC50 (Rat): 658 mg/l Exposure time: 4 h Test atmosphere: gas Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Acute dermal toxicity : LC50 (Rat): > 10,000 mg/kg Skin corrosion/irritation Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Remarks : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation Exposure time: in information is not available. Components: : No skin irritation Species : Rabbit Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation : No skin irritation				
Somponents: Butane: Acute inhalation toxicity :: LC50 (Rat): 658 mg/l Exposure time: 4 h Test atmosphere: gas rtis(methylphenyl) phosphate: Acute oral toxicity :: LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity :: LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity :: LC50 (Rat): 11.1 mg/l Exposure time: 4 h : Acute inhalation toxicity Here at atmosphere: dust/mist . Assessment: The substance or mixture has no acute inhala- to to toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation . Product: : . Remarks : This information is not available. Components: : . tris(methylphenyl) phosphate: : No skin irritation Species : No skin irritation Result : No skin irritation Species : No skin irritation Strious eye damage/eye irritation . No skin irritation				Respiratory disorder
Butane: Acute inhalation toxicity I: LC50 (Rat): 658 mg/l Exposure time: 4 h Test atmosphere: gas tris(methylphenyl) phosphate: Acute oral toxicity I: LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity I: LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity I: Acute dermal toxicity I: LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation I: I: Product: I: This information is not available. Species I: No skin irritation Result I: No skin irritation	Acute	e dermal toxicity	:	Remarks: This information is not available.
Acute inhalation toxicity :: LC50 (Rat): 658 mg/l Exposure time: 4 h Test atmosphere: gas tris(methylphenyl) phosphate: Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LD50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation : Product: Remarks : This information is not available. Species : Rabbit Assessment : No skin irritation Species : No skin irritation Result : No skin irritation Species : No skin irritation Result : No skin irritation Result : No skin irritation Result : No skin irritation Serious eye damage/eye irritation : No skin irritation	<u>Com</u>	ponents:		
Exposure time: 4 h Test atmosphere: gas tris(methylphenyl) phosphate: Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation Product: Remarks : Species : Assessment : Assessment : Assessment : Assessment : Result : Serious eye damage/eye irritation Product: :	Buta	ne:		
Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation : Product: Remarks : This information is not available. Components: tris(methylphenyl) phosphate: Species : Rabbit No skin irritation Serious eye damage/eye irritation Product: Product:	Acute	e inhalation toxicit	/ :	Exposure time: 4 h
Acute oral toxicity : LD50 (Rat): > 20,000 mg/kg Acute inhalation toxicity : LC50 (Rat): 11.1 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation End Product: Remarks : This information is not available. Components: tris(methylphenyl) phosphate: Species : Rabbit : No skin irritation Serious eye damage/eye irritation : No skin irritation Product: : No skin irritation	tris(r	nethviphenvi) ph	osphate:	
Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhalation toxicity Acute dermal toxicity : LD50 (Rabbit): > 10,000 mg/kg Skin corrosion/irritation Product: Remarks : This information is not available. Components: tris(methylphenyl) phosphate: Species : No skin irritation Result : No skin irritation Serious eye damage/eye irritation Product:	-		:	LD50 (Rat): > 20,000 mg/kg
Skin corrosion/irritation Product: Remarks : This information is not available. Components: tris(methylphenyl) phosphate: Species : Rabbit Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation Product:	Acute	e inhalation toxicit	/ :	Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala-
Product: Image: Species image: Spec	Acute	e dermal toxicity	:	LD50 (Rabbit): > 10,000 mg/kg
Remarks : This information is not available. Components:	Skin	corrosion/irritati	on	
Remarks : This information is not available. Components:	Prod	luct:		
tris(methylphenyl) phosphate: Species : Rabbit Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation Product:			:	This information is not available.
Species : Rabbit Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation Product:	<u>Com</u>	ponents:		
Assessment : No skin irritation Result : No skin irritation Serious eye damage/eye irritation Product:	tris(r	nethylphenyl) ph	osphate:	
Result : No skin irritation Serious eye damage/eye irritation Product:				
Product:			:	
	Serio	ous eye damage/	eye irritati	on
	<u>Pro</u> d	uct:		
	-		:	Contact with eyes may cause irritation.



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Components:

tris(methylphenyl) phosphat Species Result Assessment	e:	Rabbit No eye irritation No eye irritation
Respiratory or skin sensitisa	itio	n
Product:		
Remarks	:	This information is not available.
Components:		
tris(methylphenyl) phosphate	e:	
Assessment Result	:	Does not cause skin sensitisation. Does not cause skin sensitisation.
Germ cell mutagenicity		
Product:		
Genotoxicity in vitro	:	Remarks: No data available
Genotoxicity in vivo	:	Remarks: No data available
Carcinogenicity		
Product:		
Remarks	:	No data available
Reproductive toxicity		
Product:		
Effects on fertility	:	Remarks: No data available
Effects on factor large state		Demonstra Na data au "chi
Effects on foetal develop- ment	:	Remarks: No data available



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Components:

tris(methylphenyl) phosphate: Reproductive toxicity - As- : sessment	- Fertility - Some evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments.
STOT - single exposure	
Components:	
tris(methylphenyl) phosphate:	
Assessment :	The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	
Components:	
tris(methylphenyl) phosphate:	
Assessment :	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Repeated dose toxicity	
Product:	
Remarks :	This information is not available.
Aspiration toxicity	
Product:	
This information is not available.	
Components:	
tris(methylphenyl) phosphate: No aspiration toxicity classificatio	n
Further information	
Product:	



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Remarks : Risks of irreversible effects after a single exposure. Possible risk of irreversible effects.

12. ECOLOGICAL INFORMATION

	•	
Ecotoxicity		
<u>Product:</u> Toxicity to fish	:	Remarks: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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
Components:		
tris(methylphenyl) phosphat	te:	
Toxicity to fish	:	LC50 (Oncorhynchus mykiss (rainbow trout)): 0.6 mg/l Exposure time: 96 h Test Type: static test
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): 0.146 mg/l Exposure time: 48 h Test Type: static test
M-Factor (Acute aquatic tox- icity) Toxicity to fish (Chronic tox-	:	1 NOEC (Jordanella floridae (flagfish)): 0.01 mg/l
icity)		Exposure time: 28 d Test Type: semi-static test
M-Factor (Chronic aquatic toxicity)	:	1



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Persistence and degradabili	ty		
Product:			
Biodegradability	:	Remarks: No data available	
Physico-chemical removabil- ity	:	Remarks: No data available	
Components:			
tris(methylphenyl) phosphat	e:		
Biodegradability	:	Result: Not rapidly biodegradable Biodegradation: 24 % Exposure time: 28 d	
Bioaccumulative potential			
Product:			
Bioaccumulation	:	Remarks: This mixture contains no be persistent, bioaccumulating and This mixture contains no substanc persistent and very bioaccumulating	d toxic (PBT). e considered to be very
Components:			
Butane:			
Partition coefficient: n- octanol/water	:	log Pow: 2.89 Method: OECD Test Guideline 10	7
propane:			
Partition coefficient: n- octanol/water	:	log Pow: 2.36	
tris(methylphenyl) phosphat	e:		
Partition coefficient: n- octanol/water	:	log Pow: 5.93	
Mobility in soil			
Product:			
Mobility	:	Remarks: No data available	
Distribution among environ-	:	Remarks: No data available	
			a brand of



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mental compartments

Other adverse effects

Product:

Additional ecological infor- : Harmful to aquatic life with long lasting effects. mation

Components:

tris(methylphenyl) phosphate:

Results of PBT and vPvB	:	Non-classified PBT substance Non-classified vPvB substance
assessment		

13. DISPOSAL CONSIDERATIONS

Disposal methods		
Waste from residues	:	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. Offer empty spray cans to an established disposal company. Pressurized container: Do not pierce or burn, even after use.

14. TRANSPORT INFORMATION

International Regulations

UNRTDG

UN number Proper shipping name Class Packing group Labels	:	UN 1950 AEROSOLS 2.1 Not assigned by regulation 2.1
IATA-DGR UN/ID No. Proper shipping name Class Packing group Labels Packing instruction (cargo aircraft)		UN 1950 Aerosols, flammable 2.1 Not assigned by regulation Flammable Gas 203



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Packing instruction (passen-: 203 ger aircraft) **IMDG-Code UN** number UN 1950 Proper shipping name **AEROSOLS** • Class 2.1 Packing group ÷ Not assigned by regulation Labels 2.1 EmS Code F-D, S-U Marine pollutant no

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

Not applicable for product as supplied.

National Regulations

GB 6944/12268

UN number	:	UN 1950
Proper shipping name	:	AEROSOLS
Class	:	2.1
Packing group	:	Not assigned by regulation
Labels	:	2.1

Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

15. REGULATORY INFORMATION

National regulatory information
Law on the Prevention and Control of Occupational DiseasesRegulations on Safety Management of Hazardous Chemicals
Hazardous Chemicals for Priority Management under
SAWSNot applicableChina Severely Restricted Toxic Chemicals for Import
and ExportNot applicable

Catalogue of Hazardous Chemicals

: Listed

Product name	Status	Reference number
OKS 3521	Listed	2828



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List of ingredients	CAS-No.	Status	Reference number
Butane	106-97-8	Listed	2778
propane	74-98-6	Listed	139
Isobutane	75-28-5	Listed	2707
tris(methylphenyl) phos- phate	1330-78-5	Listed	1271

Identification of M	ajor Hazard Installations for Hazardous C	hemicals (GB 18218)
No. / Code	Chemical name / Category	Threshold quantity
W3	Aerosols	150 t

The components of this product are reported in the following inventories:

IECSC

: On the inventory, or in compliance with the inventory

16. OTHER INFORMATION

Date format

: yyyy/mm/dd

Full text of other abbreviations

ACGIH CN OEL		USA. ACGIH Threshold Limit Values (TLV) Occupational exposure limits for hazardous agents in the workplace - Chemical hazardous agents.
ACGIH / STEL CN OEL / PC-TWA	:	Short-term exposure limit Permissible concentration - time weighted average

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; 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; ERG - Emergency Response Guide; 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 Con-



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OKS 3521

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centration 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; 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: WHMIS - Workplace Hazardous Materials Information System

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