

TUBA SPOT 10x750 ml D/F/I

WM 0712755

Order number: 0712755

Version 5.3

Revision Date 04.02.2021

Print Date 24.06.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : TUBA SPOT 10x750 ml D/F/I
Identification number : 64413

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Cleaning agent

Restricted to professional users.

1.3 Details of the supplier of the safety data sheet

Company : Tana Chemie GmbH
Rheinallee 96
55120 Mainz
Telephone : +49613196403
Telefax : +4961319642414
E-mail address : Produktsicherheit@werner-mertz.com
Responsible/issuing person
Contact person : Product development / product safety

1.4 Emergency telephone number

112

Centru za kontrolu otrovanja u Zagrebu na tel. (01) 2348 342

+49(0)6131-19240

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

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2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

:



Signal word

: Danger

Hazard statements

: H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

: P102 Keep out of reach of children.
Prevention:
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing mist or vapours.
Response:
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P331 Do NOT induce vomiting.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand for extinction.
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

propan-2-ol
Naphtha (petroleum),
hydrotreated light [A complex
combination of hydrocarbons
obtained by treating a
petroleum fraction with hydrog

Safety data sheet available on request.

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Alcoholic solution

Hazardous components

Chemical name	CAS-No.	Classification	Concentration
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	EC-No. Registration number		(% w/w)
propan-2-ol	67-63-0 200-661-7 01-2119457558-25	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336	>= 50 - < 60
C6-7 ALKANE/CYCLOALKANE	921-024-6 01-2119475514-35	Flam. Liq. 2; H225 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 5 - < 10
Naphtha (petroleum), hydrotreated light	64742-49-0 931-254-9 01-2119484651-34	Flam. Liq. 2; H225 Asp. Tox. 1; H304 Aquatic Chronic 2; H411 Skin Irrit. 2; H315 STOT SE 3; H336	>= 2,5 - < 5

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Protect unharmed eye.
If easy to do, remove contact lens, if worn.
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Irritation

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Risks : No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam, Carbon dioxide (CO₂), Dry chemical

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Wear respiratory protection.
Beware of vapours accumulating to form explosive concentrations.
Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for 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

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regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8., Treat recovered material as described in the section "Disposal considerations"., Refer to section 15 for specific national regulation.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Avoid formation of aerosol. Avoid exposure - obtain special instructions before use. Avoid exceeding the given occupational exposure limits (see section 8). Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Container may be opened only under exhaust ventilation hood. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.
- Advice on protection against fire and explosion : Use explosion-proof equipment. Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- Hygiene measures : Avoid contact with skin, eyes and clothing. When using do not eat or drink. When using do not smoke. Wash hands before breaks and immediately after handling the product.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in original container. Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. Store at room temperature in the original container.
- Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

- Specific use(s) : Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

DNEL

- propan-2-ol
67-63-0: : End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 888 mg/kg

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**C6-7
ALKANE/CYCLOALKANE
:**

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 500 mg/m3

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 319 mg/kg

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 26 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 89 mg/m3

: End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 773 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 2035 mg/m3

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 699 mg/kg

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 608 mg/m3

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 699 mg/kg

**Naphtha (petroleum),
hydrotreated light
64742-49-0:**

: End Use: Workers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 13964 mg/kg

End Use: Workers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 5306 mg/m3

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: Long-term systemic effects
Value: 1377 mg/kg

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End Use: Consumers
Exposure routes: Inhalation
Potential health effects: Long-term systemic effects
Value: 1131 mg/m³

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: Long-term systemic effects
Value: 1301 mg/kg

PNEC

propan-2-ol
67-63-0:

: Fresh water
Value: 140,9 mg/l

Marine water
Value: 140,9 mg/l

Fresh water sediment
Value: 552 mg/kg

Marine sediment
Value: 552 mg/kg

Soil
Value: 28 mg/kg

intermittent release
Value: 140,9 mg/l

STP
Value: 2251 mg/l

Oral
Value: 160 mg/kg

8.2 Exposure controls

Personal protective equipment

Eye protection : If splashes are likely to occur, wear:
Tightly fitting safety goggles

Hand protection

Material : For prolonged or repeated contact use protective gloves.
It is suggested the usage of chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374-1: 2003 (0,4 mm).
As alternative, a different type of gloves might be used if, accordingly to the recommendations of the producer, guarantee the same level of protection.

Remarks : Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Skin and body protection : not required under normal use



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Respiratory protection : Not required; except in case of aerosol formation.
Recommended Filter type:
ABEK-P3-filter

Environmental exposure controls

General advice : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform
respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: milky
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 7,4, Concentration: 10,00 g/l
Melting point/range	: No data available
Boiling point/boiling range	: > 35 °C
Flash point	: -13,5 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Flammability (liquids)	: No data available
Burning rate	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: ca. 0,853 g/cm ³ at 20 °C
Water solubility	: soluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Ignition temperature	: No data available
Thermal decomposition	: No data available

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Viscosity, dynamic	: 1.700 - 1.800 mPa.s
Viscosity, kinematic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available

9.2 Other information

none

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions., No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions	: Vapours may form explosive mixture with air.
	Stable under recommended storage conditions., No decomposition if used as directed.

10.4 Conditions to avoid

Conditions to avoid	: Heat, flames and sparks.
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10.5 Incompatible materials

Materials to avoid	: No data available
--------------------	---------------------

10.6 Hazardous decomposition products

Hazardous decomposition products	: No hazardous decomposition products are known.
Other information	: No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Our company is strongly against animal testing.
Our company does not place any orders for animal testing for the finished product or the ingredients.
However, as a result of EU legislation (REACH Regulation), the manufacturers of ingredients or EU importers are obliged to test ingredients with regard to their effects on human health and the environment before they are brought onto the market. Some of the tests made necessary by this took place decades ago.

Product

Skin corrosion/irritation	: May cause skin irritation and/or dermatitis.
Serious eye damage/eye irritation	: Vapours may cause irritation to the eyes, respiratory system and the skin. Causes serious eye irritation.
Respiratory or skin sensitisation	: No data available



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Germ cell mutagenicity	: Not Rated
Carcinogenicity	: Not Rated
Reproductive toxicity	: Not Rated
STOT - single exposure	: The substance or mixture is not classified as specific target organ toxicant, single exposure.
STOT - repeated exposure	: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
Aspiration toxicity	: Not Rated
Further information	: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may degrease the skin.

Components:
propan-2-ol
67-63-0:

Acute oral toxicity	: LD50 Oral Rat: 5.840 mg/kg Method: OECD Test Guideline 401
	LD50 Oral Rat: 4.570 mg/kg
	LD50 Oral Rat: 5.045 mg/kg
Acute inhalation toxicity	: LC50 Rat, female: 47,5 mg/l Exposure time: 8 h Method: OECD Test Guideline 403
	LC50 Rat: 72,6 mg/l Exposure time: 4 h
	LC50 Mouse: 27,2 mg/l Exposure time: 4 h
	LC50 Rat: 25 mg/l Exposure time: 6 h Method: OECD Test Guideline 403
	LC50 Rat: 30 mg/l Exposure time: 4 h
	LC50 Rat: 10000 ppm Exposure time: 6 h



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- Acute dermal toxicity : LD50 Rabbit: 12.800 mg/kg
Method: OECD Test Guideline 402
- LD50 Dermal Rabbit: 12.870 mg/kg
Method: OECD Test Guideline 402
- LD50 Dermal Rabbit: 13.900 mg/kg
Method: OECD Test Guideline 402
- LD50 Dermal Rabbit: 13.400 mg/kg
- Skin corrosion/irritation : Species: Rabbit
Result: No skin irritation
- Serious eye damage/eye irritation : Species: Rabbit
Result: irritating
- Respiratory or skin sensitisation : Test Method: Buehler Test
Species: Guinea pig
Result: Does not cause skin sensitisation.
- Germ cell mutagenicity
- Genotoxicity in vitro : Type: Ames test
Test species: Salmonella typhimurium
with and without metabolic activation
Result: negative

C6-7 ALKANE/CYCLOALKANE

- Acute oral toxicity : LD50 Rat: > 5.000 mg/kg
Method: OECD Test Guideline 401
- Acute inhalation toxicity : LC50 Rat: 20 mg/l
Exposure time: 4 h
Method: OECD Test Guideline 403
- Acute dermal toxicity : LD50 Dermal Rat: > 2.000 mg/kg
Method: OECD Test Guideline 402

Naphtha (petroleum), hydrotreated light

64742-49-0:

- Acute oral toxicity : LD50 Rat: > 2.000 mg/kg
- Acute inhalation toxicity : LC50 Rat: 25,7 mg/l
Exposure time: 4 h
- Acute dermal toxicity : LD50 Dermal Rat: > 2.000 mg/kg

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SECTION 12: Ecological information

12.1 Toxicity

Components:

**propan-2-ol
67-63-0:**

- Toxicity to fish : LC50 (Lepomis macrochirus (Bluegill sunfish)): 1.400 mg/l
Exposure time: 96 h
- LC50 (Pimephales promelas (fathead minnow)): 9.640 mg/l
Exposure time: 96 h
- LC50 (Leuciscus idus (Golden orfe)): > 100 mg/l
Exposure time: 48 h
Test Type: static test
GLP: no
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 13.299 mg/l
Exposure time: 48 h
Test Type: Immobilization
Method: OECD Test Guideline 202
- EC50 (Daphnia magna (Water flea)): 9.714 mg/l
Exposure time: 24 h
- EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h
Test Type: static test
GLP: no
- (Daphnia (water flea)): > 10.000 mg/l
Method: OECD Test Guideline 202
- NOEC (Daphnia magna (Water flea)): 30 mg/l
Exposure time: 21 d
- EC50 (Daphnia magna (Water flea)): 10.000 mg/l
Exposure time: 48 h
- Toxicity to algae : IC50 (Desmodesmus subspicatus (green algae)): > 1.000 mg/l
Exposure time: 72 h
Test Type: Growth inhibition
- EC50 (Pseudokirchneriella subcapitata (microalgae)): > 100 mg/l
Exposure time: 72 h
Test Type: static test
GLP: no
- ErC50 (Pseudokirchneriella subcapitata (green algae)): > 1.000 mg/l
Exposure time: 72 h
- EC50 (Scenedesmus subspicatus): > 100 mg/l
Exposure time: 72 h
Test Type: static test
- Toxicity to bacteria : EC50 (Aliivibrio fischeri): 17.700 mg/l
Exposure time: 5 min
GLP:



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EC10 (*Pseudomonas putida*): 5.175 mg/l
Exposure time: 18 h
Method: DIN 38412
GLP:

C6-7 ALKANE/CYCLOALKANE

:

Toxicity to fish : LC50 (*Oncorhynchus mykiss* (rainbow trout)): 11,4 mg/l
Exposure time: 96 h
Method: OECD Test Guideline 203
Remarks: see user defined free text

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia magna* (Water flea)): 3 mg/l
Exposure time: 48 h
Method: OECD Test Guideline 202

Toxicity to algae : EC50 (*Pseudokirchneriella subcapitata* (green algae)): 30 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 0,17 mg/l
Exposure time: 21 d
Species: *Daphnia magna* (Water flea)

Lowest Observed Effect Concentration: 0,32 mg/l
Exposure time: 21 d
Species: *Daphnia magna* (Water flea)

Naphtha (petroleum), hydrotreated light 64742-49-0:

Toxicity to fish : LC50 (Fish): 1 - 10 mg/l
Remarks: see user defined free text

Toxicity to daphnia and other aquatic invertebrates : EC50 (*Daphnia* (water flea)): 10 - 100 mg/l
Remarks: see user defined free text

NOEC (*Daphnia* (water flea)): > 1 - < 10 mg/l

Toxicity to algae : IC50 : 10 - 100 mg/l

Toxicity to bacteria : EC50 (Bacteria): 10 - 100 mg/l
Remarks: see user defined free text

Toxicity to fish (Chronic toxicity) : NOEC: > 1 - < 10 mg/l

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Components:

propan-2-ol 67-63-0:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 95 %

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Exposure time: 21 d
Method: OECD 301 E

Inoculum: activated sludge
Result: rapidly biodegradable
Biodegradation: 53 %
Exposure time: 5 d

Result: rapidly biodegradable
Biodegradation: > 70 %
Exposure time: 10 d
GLP: no

Biodegradation: 99,9 %
Method: see user defined free text

Chemical Oxygen Demand (COD) : 2,32 g/kg

ThOD : 2,40 g/g

C6-7 ALKANE/CYCLOALKANE

:

Biodegradability : Result: rapidly biodegradable
Biodegradation: 81 %
Exposure time: 28 d

12.3 Bioaccumulative potential

Components:

propan-2-ol

67-63-0:

Bioaccumulation : Bioconcentration factor (BCF): 3

Remarks: No bioaccumulation is to be expected (log Pow ≤ 4).

Partition coefficient: n-octanol/water : log Pow: 0,05

12.4 Mobility in soil

Components:

propan-2-ol

67-63-0:

Distribution among environmental compartments : Koc: 25
Remarks: Highly mobile in soils

12.5 Results of PBT and vPvB assessment

Components:

propan-2-ol

67-63-0:

Assessment : This substance is not considered to be very persistent and very bioaccumulating (vPvB).. This substance is not considered to be persistent, bioaccumulating and toxic (PBT)..

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12.6 Other adverse effects

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

ADR : 1993
IMDG : 1993
IATA : 1993

14.2 Proper shipping name

ADR : FLAMMABLE LIQUID, N.O.S.
(isopropanol, naphtha (petroleum), hydrotreated light)

IMDG : FLAMMABLE LIQUID, N.O.S.
(isopropanol, Naphtha (petroleum), hydrotreated light)

IATA : Flammable liquid, n.o.s. Not permitted for transport

14.3 Transport hazard class

ADR : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Classification Code : F1
Packaging group : II
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)

IMDG
Packaging group : II
Labels : 3
EmS Number : F-E, S-E

IATA
(Cargo) : Flammable liquid, n.o.s. Not permitted for transport
Packaging group : II
Labels : 3

14.5 Environmental hazards

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ADR

Environmentally hazardous : no

IMDG

Marine pollutant : no

IATA

Environmentally hazardous : no

14.6 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.

For personal protection see section 8.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
P5c	FLAMMABLE LIQUIDS	5.000 000067	50.000 000067

TA Luft List (Germany) :

- Total dust: Not applicable
- Inorganic substances in powdered form: Not applicable
- Inorganic substances in vapour or gaseous form: Not applicable
- Organic Substances: : portionClass 1: < 0,01 %
- Carcinogenic substances: Not applicable
- Mutagenic: Not applicable
- Toxic to reproduction: Not applicable

Volatile organic compounds (VOC) content :

- Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
- Update: Percent volatile: 64,61 %
- 747,78 g/l
- VOC content excluding water

Volatile organic compounds (VOC) content :

- Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)
- Update: Percent volatile: 64,61 %
- 551,09 g/l
- VOC content valid only for coating materials used on wood surfaces



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according to Detergents : 5 - <15% aliphatic hydrocarbons, <5% Non-ionic surfactants,
Regulation EC 648/2004 Perfumes

GISBAU (D) : GT 0

15.2 Chemical safety assessment

There is no data available for this product.

SECTION 16: Other information

Full text of H-Statements

H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.

Further information

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Classification procedure:	H225	On basis of test data.
	H315	Calculation method
	H319	Calculation method
	H336	Calculation method
	H304	Calculation method
	H412	Calculation method

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; 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; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Tana-Chemie GmbH
Werner & Mertz Group

TUBA SPOT 10x750 ml D/F/I

WM 0712755

Order number: 0712755

Version 5.3

Revision Date 04.02.2021

Print Date 24.06.2022

Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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