



▶ SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Name of product: SK2TR000-1
Article: Cleaner
Company name: VIK-Composite GmbH
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Description: Solvent-based cleaner

▶ SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3	H226	Flammable liquid and vapour.
Acute Tox. 5	H313	May be harmful in contact with skin
Acute Tox. 4	H332	Harmful if inhaled
Skin Irrit. 2	H315	Causes skin irritation.
STOT SE 3	H335-H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

Xn: Harmful
R20/21-65: Harmful by inhalation and in contact with skin. Harmful: may cause lung damage if swallowed.
Xi: Irritant
R37/38 : Irritating for respiratory system and skin
N: Dangerous for environment
R51/53: Toxic to aquatic life with long lasting effects
R10: Flammable.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

2.2 Label elements. Labelling according to Globally Harmonised System (GHS)

The product is classified, according to the Globally Harmonised System (GHS).

Hazard pictograms



GHS02 GHS07 GHS08 GHS09



Signal word Danger

Hazard-determining components of labelling:

Xylene

Solvent naphtha (petroleum), light arom., < 0,1 % Benzene

Hazard statements

- H225 Flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction
- H336 May cause drowsiness or dizziness.
- H304 May be fatal if swallowed and enters airways.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

▶ SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterisation: Mixtures

Description: Mixture: consisting of the following components.

Dangerous components:

64742-95-6	Solvent naphtha (petroleum), light arom., < 0,1 % Benzene	25-50 %
EINECS: 265-199-0	⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411;	
Reg.nr.: 01-2119455851-35-XXXX	⚠ Acute Tox. 4, H332; STOT SE 3, H335-H336	
CAS: 108-65-6	2-Methoxy-1-methylethylacetat	10-25%
EINECS: 203-603-9	⚠ Flam. Liq. 3, H226	
CAS: 1330-20-7	Xylol	≥20-≤25%
EINECS: 215-535-7	⚠ Flam. Liq. 3, H226; ⚠ STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	
CAS: 96-48-0	Dihydro-2(3H)-furanon	1-2,5%
EINECS: 202-509-5	⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	
CAS: 8028-48-6	Orangenterpene	≥0,25-<1%
EINECS: 232-433-8	⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	



► SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore, medical observation for at least 48 hours after the accident.

After inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

After skin contact: If skin irritation continues, consult a doctor.

Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Rinse out mouth and then drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

► SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Additional information

Cool endangered receptacles with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

► SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective clothing.

Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.



6.4 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.

▶ SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about fire - and explosion protection:

Fumes can combine with air to form an explosive mixture.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 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: Do not store together with oxidants.

Further information about storage conditions:

Keep container tightly sealed.

7.3 Specific end use(s) No further relevant information available.

▶ SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

108-65-6 2-methoxy-1-methylethyl acetate (10-25%)

AGW long-term value: 270 mg/m³, 50 ml/m³
1(I);DFG, EU, Y

1330-20-7 xylene (≥20%->25%)

AGW long-term value: 220 mg/m³, 50 ml/m³
2(II);DFG, EU, H

96-48-0 Dihydro-2(3H)-furanon (1-2,5%)

MAK see section IIb

1330-20-7 Xylene (≥20-≤25%)

BGW 1.5 mg/l

Test material: whole blood
Sampling time: end of exposure or shift
Parameter: Xylene
2000 mg/L
test material: urine
Sampling time: end of exposure or end of shift
Parameter: Methylhippuric (toluric) acid (all isomers)

Additional information: The lists valid during the making were used as basis.



8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Respiratory protection:

Not necessary if room is well-ventilated.
In case of brief exposure or low pollution use respiratory filter device.
In case of intensive or longer exposure use self- contained respiratory protective device.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

Butyl rubber, BR

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. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

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

Body protection: Protective work clothing

▶ SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined

pH-value:	Not determined
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**Change in condition:**

Melting point/freezing point: Undetermined
Initial boiling point and boiling range: 137°C

Flash point: 30°C
Flammability (solid, gas): Not applicable.
Ignition temperature: 315°C
Decomposition temperature: Not determined.
Auto-ignition temperature: Product is not selfigniting
Explosive properties: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

Explosion limits:

Lower: 0.7 Vol %
Upper: 10.8 Vol %

Vapour pressure at 20 °C: 6.7 hPa

Density at 20 °C: 0.9 g/cm³
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not determined.

Solubility in / Miscibility with water: Immiscible or difficult to mix.
Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic: Not determined.
Kinematic: Not determined.

Solvent content:

Organic solvents: 90.9 %
VOC (EU): 92,7 %

9.2 Other information: No further relevant information available.

▶ SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions: Reacts with strong acids and alkali.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No further relevant information available

▶ SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

64742-95-6 Solvent naphtha (petroleum), light arom., < 0,1 % Benzene

Oral LD50 >6800 mg/kg (Ratte)

Dermal LD50 >3400 mg/kg (Ratte)



Inhalation LC50/4h >10,2 mg/kg (rbt)

1330-20-7 xylene

Oral LD50 >4300 mg/kg (Ratte)

Dermal LD50 >2000 mg/kg (Ratte)

Additional toxicological information:

Based on the calculation method of the General EU Classification Directive for Preparations in its latest edition, the product presents the following hazards:

Unhealthy

Annoyingly

▶ SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

Other information: The product is biodegradable.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:

Remark: Toxic for fish

Additional ecological information:

General notes:

Water hazard class 2 (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

▶ SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

▶ SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number

ADR, IMDG, IATA

UN1993

14.2 UN proper shipping name

ADR

1993 FLAMMABLE LIQUID, N.O.S. (not viscous) (XYLENES, Solvent naphtha (petroleum), light arom., < 0,1 % Benzene)



IMDG	FLAMMABLE LIQUID, N.O.S. (XYLENES, Solvent naphtha (petroleum), light arom., < 0,1 % Benzene), MARINE POLLUTANT
IATA	FLAMMABLE LIQUID, N.O.S. (XYLENES, Solvent naphtha (petroleum), light arom., < 0,1 % Benzene)
14.3 Transport hazard class(es) ADR, IMDG	
Class	3 Flammable liquids
Label	3
IATA	
Class	3 Flammable liquids
Label	3
14.4 Packing group ADR, IMDG, IATA	III
14.5 Environmental hazards:	
Environmental risks:	The product contains substances that are hazardous to the environment
Marine pollutant:	Yes
Special marking (ADR):	Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-E, <u>S-E</u>
Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	
Transport/Additional information:	Not applicable.
ADR	5 L
Limited quantities (LQ)	Code: E1
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category	3
Tunnel restriction code	D/E
IMDG	5L
Limited quantities (LQ)	Code: E1
Excepted quantities (EQ)	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml



UN "Model Regulation":

UN 1993 FLAMMABLE LIQUID, N.O.S., SOLVENT
NAPHTHA (PETROLEUM), LIGHT AROM., < 0,1 %
BENZENE), 3, III

▶ SECTION 15: REGULATORY INFORMATION

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

The product is classified, according to the Globally Harmonised System (GHS).

Hazard pictograms



GHS02 GHS07 GHS08 GHS09

Signal word Danger

Hazard-determining components of labelling:

xylene

Solvent naphtha (petroleum), light arom., < 0,1 % Benzene

Hazard statements

H225	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction
H336	May cause drowsiness or dizziness.
H304	May be fatal if swallowed and enters airways.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

Technical instructions (air):

Class Share in %
NK > 50



Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

► SECTION 16: OTHER INFORMATION

The information contained herein is based on our knowledge at the date above and refer only to product indicated and constitutes no guarantee of particular quality.

User is responsible for determining whether the VIK-Composite GmbH product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a VIK-Composite GmbH product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the VIK-Composite GmbH product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

Abbreviations and acronyms:

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

This sheet cancels and replaces any previous edition.