Safety Data Sheet
acc. to OSHA HCS

Printing date 10/18/2021 Reviewed on 10/18/2021

*

1 Identification

· **Product identifier**
· Trade name: **Spider Clear**

· Article number: 10964
· Application of the substance / the mixture: Maintenance product

· **Details of the supplier of the safety data sheet**
· Manufacturer/Supplier: InnoChem LLC
6300 Button Gwinnett Dr.
Atlanta, GA 3040
info@innochemllc.com
Phone: 770-409-8789
Fax: 770-409-9096
e-mail

· Information department: Laboratory
· Emergency telephone number: refer to manufacturer/supplier

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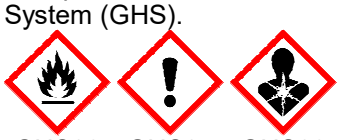
2 Hazard(s) identification

· **Classification of the substance or mixture**

Flam. Liq. 2 H225 Highly flammable liquid and vapor.
Repr. 1B H360 May damage fertility or the unborn child.
STOT SE 3 H336 May cause drowsiness or dizziness.
STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

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



GHS02 GHS07 GHS08

· Signal word: Danger
· Hazard-determining components of labeling:
Hydrocarbons, C6-C7, isoalkanes,cycloalkanes, <5% n-hexane
naphtha (petroleum), hydrodesulphurized heavy
2-methoxypropanol
Naphtha (petroleum), hydrotreated light
· Hazard statements
H225 Highly flammable liquid and vapor.
H360 May damage fertility or the unborn child.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
· Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P312	Call a poison center/doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Classification system:**
· NFPA ratings (scale 0 - 4)

Health = 0
Fire = 3
Reactivity = 0

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· HMIS-ratings (scale 0 - 4)

Health = 0
Fire = 3
Reactivity = 0

· **Other hazards**
· Results of PBT and vPvB assessment
· PBT: Not applicable.
· vPvB: Not applicable.

* **3 Composition/information on ingredients**

· **Chemical characterization: Mixtures**
· Description: Mixture of the substances listed below with nonhazardous additions.

· Dangerous components:

EC number: 926-605-8	Hydrocarbons, C6-C7, isoalkanes,cycloalkanes, <5% n-hexane Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336	25-50%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol Flam. Liq. 3, H226 STOT SE 3, H336	25-50%
CAS: 64742-49-0 EC number: 920-750-0	Naphtha (petroleum), hydrotreated light Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336	12.5-25%
CAS: 64742-82-1 EC number: 919-164-8	naphtha (petroleum), hydrodesulphurized heavy STOT RE 1, H372; Asp. Tox. 1, H304 Acute Tox. 4, H332	<10%
CAS: 1589-47-5 EINECS: 216-455-5 Index number: 603-106-00-0	2-methoxypropanol Flam. Liq. 3, H226 Repr. 1B, H360 Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335	<1%

· Additional information: For the wording of the listed hazard phrases refer to section 16.

* **4 First-aid measures**

· **Description of first aid measures**
· General information: Immediately remove any clothing soiled by the product.
Take affected persons out into the fresh air.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Position and transport stably on side.
· After inhalation: Supply fresh air; consult doctor in case of complaints.
In case of unconsciousness place patient stably in side position for transportation.
· After skin contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
· After swallowing: Do not induce vomiting; immediately call for medical help.
Drink copious amounts of water and provide fresh air. Immediately call a doctor.
· Information for doctor: Symptoms in intoxication with (aromatic) hydrocarbons (dosis letalis about 30 g)
a) In acute intoxication: headache, dizziness, euphoria, gastro-intestinal dysfunction, state of excitement, coma.
b) In chronic intoxication: myelotoxic damage, fatigue, dizziness, emaciation, cardiac palpitation after physical exercise, leucopenia, anemia, leukosis.
Therapy in hydrocarbons intoxication: In case of inhalation provision of fresh air; in case of peroral intake administration of Carbo medicinalis; only after intubation

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conduct of gastrolavage in application of Carbo medicinalis; in case of cramps administration of Diazepam 20 mg intravenously.

· Most important symptoms and effects, both acute and delayed
Breathing difficulty
Headache
Dizziness
Dizziness
Gastric or intestinal disorders
Nausea

· Danger
Danger of impaired breathing.

· Indication of any immediate medical attention and special treatment needed
If swallowed, gastric irrigation with added, activated carbon.

* **5 Fire-fighting measures**

· **Extinguishing media**

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

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

· **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
In case of fire, the following can be released:
Carbon monoxide (CO)
In certain fire conditions, traces of other toxic gases cannot be excluded.

· **Advice for firefighters**

· Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Do not inhale explosion gases or combustion gases.

· **Additional information**
Cool endangered receptacles with water spray.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

* **6 Accidental release measures**

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Keep away from ignition sources
Use respiratory protective device against the effects of fumes/dust/aerosol.

· **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow product to reach sewage system or any water course.
Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
Dispose of the collected material according to regulations.

· **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.

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· **Protective Action Criteria for Chemicals**

· PAC-1:		
107-98-2	1-methoxy-2-propanol	100 ppm

· PAC-2:		
107-98-2	1-methoxy-2-propanol	160 ppm

· PAC-3:		
107-98-2	1-methoxy-2-propanol	660 ppm

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7 Handling and storage

· **Handling:**

· Precautions for safe handling: Keep receptacles tightly sealed.
Ensure good ventilation/exhaustion at the workplace.
Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Use only in well ventilated areas.

· Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Protect from heat.
Highly volatile, flammable constituents are released during processing.

· **Conditions for safe storage, including any incompatibilities**

· Storage:

· Requirements to be met by storerooms and receptacles: Store in a cool location.
Store only in the original receptacle.
Prevent any seepage into the ground.

· Information about storage in one common storage facility: Store away from oxidizing agents.
Store away from foodstuffs.

· Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles.
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.
Store receptacle in a well ventilated area.

· Storage class: 3

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

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8 Exposure controls/personal protection

· **Additional information about design of technical systems:** No further data; see item 7.

· **Control parameters**

· Components with limit values that require monitoring at the workplace: The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the other constituents have no known exposure limits.

107-98-2 1-methoxy-2-propanol	
REL	Short-term value: 540 mg/m³, 150 ppm Long-term value: 360 mg/m³, 100 ppm
TLV	Short-term value: 100 ppm Long-term value: 50 ppm A4

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

· **Exposure controls**
· Personal protective equipment:
· General protective and hygienic measures: The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not inhale gases / fumes / aerosols.
Do not eat, drink, smoke or sniff while working.
Use skin protection cream for skin protection.
Clean skin thoroughly immediately after handling the product.

· Breathing equipment: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
Short term filter device:
Filter AX

· Protection of hands: Preventive skin protection by use of skin-protecting agents is recommended.
After use of gloves apply skin-cleaning agents and skin cosmetics.
Skin protection agent recommendation for preventive skin shelter without use of protective gloves
Stokoderm Protect PURE (http://www.debstoko.com)
Skin protection agent recommendation for preventive skin shelter in application and combination of protective gloves:
Stokoderm Protect PURE (http://www.debstoko.com)
Skin protection recommendation for skin cleaning after product handling:
Estesol Lotion PURE (http://www.debstoko.com)
Skin protection agent recommendation for skin aftercare:
Stokolan Light PURE (http://www.debstoko.com)

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
The protection gloves to be used have to comply with the specifications of the directive 89/686/EC and the directive derived decree EN374, respectively, e.g. the above listed protection glove type.
The mentioned permeation times´ data were generated and verified with material samples of the recommended protection glove type in the scope of laboratory anylyses of the company KCL GmbH in compliance with EN374.
This recommendation refers exclusively to the material safety data sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell, internet: http://www.kcl.de).

· Material of gloves Fluorocarbon rubber (Viton)
Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

· Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Value for the permeation: Level ≤ 6, 480 min

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· For the permanent contact gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
Vitoject (KCL, Art_No. 890)
Nitrile rubber, NBR
Camatril (KCL, Art_No. 730, 731, 732, 733)

· As protection from splashes gloves made of the following materials are suitable: Fluorocarbon rubber (Viton)
Vitoject (KCL, Art_No. 890)
Nitrile rubber, NBR
Camatril (KCL, Art_No. 730, 731, 732, 733)

· Not suitable are gloves made of the following materials: Leather gloves
Strong gloves

· Eye protection:  Tightly sealed goggles

· Body protection: Protective work clothing

*
9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· General Information	
· Appearance:	
Form:	Fluid
Color:	Yellowish
· Odor:	Petrol-like
· pH-value:	Not determined. Not applicable
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	316 °C (600.8 °F)
· Flash point:	-18 °C (-0.4 °F)
· Ignition temperature:	270 °C (518 °F)
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	2.3 Vol %
Upper:	20 Vol %
· Vapor pressure at 20 °C (68 °F):	12 hPa (9 mm Hg)
· Density at 20 °C (68 °F):	0.78 g/cm³ (6.51 lbs/gal)
· Specific gravity at 20 °C (68 °F):	0.78 g/cm³ (6.51 lbs/gal)
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C (68 °F):	11 s (DIN 53211/4)
· Solvent content:	
Organic solvents:	87.0 %

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Solids content:	12.9 %
· **Other information**	No further relevant information available.

* **10 Stability and reactivity**

· **Reactivity** No further relevant information available.
· **Chemical stability**
· Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
No decomposition if used and stored according to specifications.
· **Possibility of hazardous reactions** Reacts with strong oxidizing agents.
· **Conditions to avoid** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** Carbon monoxide and carbon dioxide
Flammable gases/vapors

* **11 Toxicological information**

· **Information on toxicological effects**
· Acute toxicity:

· LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)		
Oral	LD50	>7,541 mg/kg (rat)
Dermal	LD50	>3,095 mg/kg
Inhalative	LC50/4 h	>62.1 mg/l (rat)

Hydrocarbons, C6-C7, isoalkanes,cycloalkanes, <5% n-hexane		
Oral	LD50	16,750 mg/kg (rat) (OECD 401)
Dermal	LD50	3,350 mg/kg (rat)
	LD50	>2,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50/4 h	259,354 mg/l (rat) (OECD 403)

107-98-2 1-methoxy-2-propanol		
Oral	LD50	4,016 mg/kg (rat)
Dermal	LD50	13,500 mg/kg (rbt)
Inhalative	LC50	27.596 mg/l (rat)
	LC50/4 h	54.6 mg/l (rat)

64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,800 mg/kg (rabbit)
	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	>23.3 mg/l (rat)

64742-82-1 naphtha (petroleum), hydrodesulphurized heavy		
Oral	LD50	>5,000 mg/kg (rat) (OECD-Prüfrichtlinie 401)
Dermal	LD50	>3,400 mg/kg (rabbit) (OECD-Prüfrichtlinie 402)
Inhalative	LC50/4 h	>13.1 mg/l (rat)

· Primary irritant effect:
· on the skin: Irritant to skin and mucous membranes.
· on the eye: No irritating effect.
· Sensitization: No sensitizing effects known.

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· Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)
None of the ingredients is listed.

· NTP (National Toxicology Program)
None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

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12 Ecological information

· **Toxicity**

· Aquatic toxicity:

Hydrocarbons, C6-C7, isoalkanes,cycloalkanes, <5% n-hexane	
EC50/48h	3 mg/l (daphnia magna)
EL50/48h	17.06 mg/l (daphnia magna)
EL50/72h	55 mg/l (Pseudokirchneriella subcapitata)
LL50/96h	9.776 mg/l (Oncorhynchus mykiss)
NOELR/72h	30 mg/l (Pseudokirchneriella subcapitata)
NOELR/21d	3.818 mg/l (daphnia magna)
NOELR/28d	2.187 mg/l (Oncorhynchus mykiss)
LC50/96h	12 mg/l (Oncorhynchus mykiss)

107-98-2 1-methoxy-2-propanol	
EC50/96h	>1,000 mg/l (BES)
EC50	>1,000 mg/l (BES)
	>1,000 mg/l (Pseudokirchneriella subcapitata)
LC 0/96h	>4,600 mg/l (Leuciscus idus)
EC50/48h	23,300 mg/l (daphnia magna)
LC50/96h	>100 mg/l (daphnia magna)
	>100 mg/l (Desmodesmus subspicatus)
	6,812 mg/l (Leuciscus idus)
	>1,000 mg/l (Oncorhynchus mykiss)
	20,800 mg/l (pimephales promelas)

64742-49-0 Naphtha (petroleum), hydrotreated light	
EC50/48h	4.6-10 mg/l (daphnia magna)
EL50/72h	10-30 mg/l (Pseudokirchneriella subcapitata)
LL50/96h	>13.4 mg/l (Oncorhynchus mykiss)
NOELR/72h	10 mg/l (Pseudokirchneriella subcapitata)
NOEC/21d	0.17 mg/l (daphnia magna)
LC50/96h	<10 mg/l (daphnia magna)
	3-10 mg/l (Oncorhynchus mykiss)

64742-82-1 naphtha (petroleum), hydrodesulphurized heavy	
EL50/48h	10-22 mg/l (daphnia magna)
EL50/72h	50-100 mg/l (Pseudokirchneriella subcapitata)
LL50/96h	10-100 mg/l (Oncorhynchus mykiss)

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NOELR/72h	3 mg/l (Pseudokirchneriella subcapitata)
NOEC/21d	0.097 mg/l (daphnia magna)
NOELR/21d	0.28 mg/l (daphnia magna)
NOELR/28d	0.091 mg/l (Oncorhynchus mykiss)

· **Persistence and degradability** No further relevant information available.
· **Behavior in environmental systems:**
· Bioaccumulative potential No further relevant information available.
· Mobility in soil No further relevant information available.
· **Ecotoxical effects:**
· Remark: Toxic for fish
· **Additional ecological information:**
· General notes: Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms
Water hazard class 2 (Self-assessment): hazardous for water
· **Results of PBT and vPvB assessment**
· PBT: Not applicable.
· vPvB: Not applicable.
· **Other adverse effects** No further relevant information available.

* **13 Disposal considerations**

· **Waste treatment methods**
· Recommendation: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packagings:**
· Recommendation: Disposal must be made according to official regulations.
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.
· Recommended cleansing agent: Alcohol

* **14 Transport information**

· **UN-Number**
· DOT, ADR, IMDG, IATA UN3295

· **UN proper shipping name**
· DOT Hydrocarbons, liquid, n.o.s.
· ADR 3295 HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light), ENVIRONMENTALLY HAZARDOUS, special provision 640D
· IMDG HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light), MARINE POLLUTANT
· IATA HYDROCARBONS, LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated light)

· **Transport hazard class(es)**
· DOT

· Class 3 Flammable liquids

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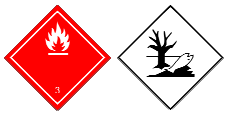
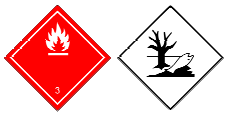
· Label	3
· ADR	
	
· Class	3 (F1) Flammable liquids
· Label	3
· IMDG	
	
· Class	3 Flammable liquids
· Label	3
· IATA	
	
· Class	3 Flammable liquids
· Label	3
· **Packing group**	
· DOT, ADR, IMDG, IATA	II
· **Environmental hazards:**	Product contains environmentally hazardous substances:
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· **Special precautions for user**	Warning: Flammable liquids
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E,S-D
· Stowage Category	B
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· ADR	
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· IMDG	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· **UN "Model Regulation":**	UN 3295 HYDROCARBONS, LIQUID, N.O.S., SPECIAL PROVISION 640D (NAPHTHA (PETROLEUM), HYDROTREATED LIGHT), 3, II, ENVIRONMENTALLY HAZARDOUS

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* **15 Regulatory information**

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

· Section 355 (extremely hazardous substances):
None of the ingredient is listed.

· Section 313 (Specific toxic chemical listings):
None of the ingredients is listed.

· TSCA (Toxic Substances Control Act):

107-98-2	1-methoxy-2-propanol	ACTIVE
9003-96-7	Octadecan, 1-(ethenyloxy)-, homopolymer	ACTIVE
68132-00-3	Kohlenwasserstoff-Harz	ACTIVE
1589-47-5	2-methoxypropanol	ACTIVE

· Hazardous Air Pollutants
None of the ingredients is listed.

· Proposition 65

· Chemicals known to cause cancer:
None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for females:
None of the ingredients is listed.

· Chemicals known to cause reproductive toxicity for males:
None of the ingredients is listed.

· Chemicals known to cause developmental toxicity:
None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)
None of the ingredients is listed.

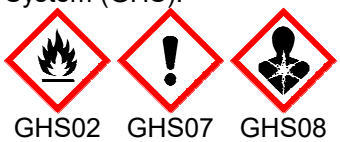
· TLV (Threshold Limit Value)
None of the ingredients is listed.

· MAK (German Maximum Workplace Concentration)
None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

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

· Hazard pictograms



GHS02 GHS07 GHS08

· Signal word — Danger

· Hazard-determining components of labeling:
Hydrocarbons, C6-C7, isoalkanes,cycloalkanes, <5% n-hexane
naphtha (petroleum), hydrodesulphurized heavy
2-methoxypropanol
Naphtha (petroleum), hydrotreated light

· Hazard statements
H225 Highly flammable liquid and vapor.
H360 May damage fertility or the unborn child.
H336 May cause drowsiness or dizziness.
H372 Causes damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/18/2021 Reviewed on 10/18/2021

Trade name: Spider Clear

(Contd. of page 11)

· Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
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.
P312	Call a poison center/doctor if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· National regulations:

· Information about limitation of use: Employment restrictions concerning young persons must be observed.
Employment restrictions concerning pregnant and lactating women must be observed.

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

· VOC USA 674.7 g/l / 5.63 lb/gal

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

* **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** Laboratory

· **Contact:** Dieter Zimmermann

· Date of preparation / last revision 10/18/2021 / 3

· Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
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 Dam. 1: Serious eye damage/eye irritation – Category 1
Repr. 1B: Reproductive toxicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
Asp. Tox. 1: Aspiration hazard – Category 1