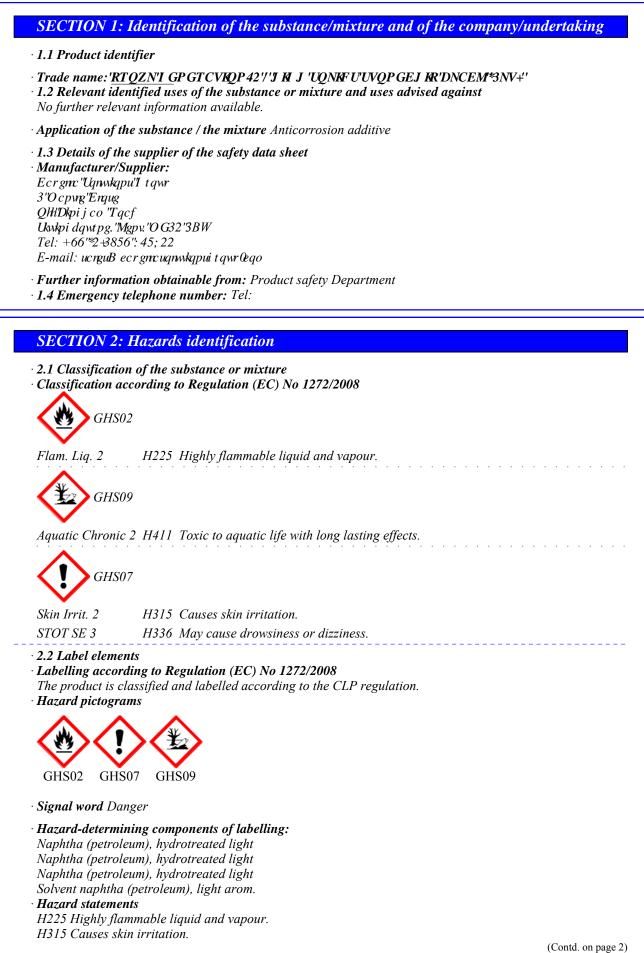
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Trade name: 'J UI 42UED/3'/'J K J 'UQNKF U'UVQP GEJ KR'DNCEM*3NV+''

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H336 May cause drowsiness or dizziness.

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.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection.

P312 Call a POISON CENTER/doctor if you feel unwell.

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

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with additions.

· Dangerous components:		
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	10-<25%
EC number: 927-510-4 Reg.nr.: 01-2119475515-33		
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	5-<10%
EC number: 920-750-0 Reg.nr.: 01-2119473851-33-0001	♦ Flam. Liq. 2, H225; ♦ Asp. Tox. 1, H304; ♦ Aquatic Chronic 2, H411; ♦ STOT SE 3, H336	
CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	5-<10%
EC number: 921-024-6 Reg.nr.: 01-2119475514-35	Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom.	5-<10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35	♦ Flam. Liq. 3, H226; ♦ Asp. Tox. 1, H304; ♦ Aquatic Chronic 2, H411; ♦ STOT SE 3, H335-H336	
• Additional information: For the wording of the listed hazard phrases refer to section 16		

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

SECTION 4: First aid measures

• 4.1 Description of first aid measures

• After inhalation: 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.

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

· After swallowing: If symptoms persist consult doctor.

• 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.

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

• 5.2 Special hazards arising from the substance or mixture No further relevant information available.

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[•] After eye contact:

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- · 5.3 Advice for firefighters
- · Protective equipment: Mount respiratory protective device.
- · Additional information Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Avoid contact with skin, eyes and clothes.
- 6.2 Environmental precautions: Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. 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). 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 Use only in well ventilated areas.
- Information about fire and explosion protection: 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: Store in a cool location.
- · Information about storage in one common storage facility: Not required.

• Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

• 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:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

	12-49-0 Naphtha (petroleum), hydrotreated light	
Oral	Long-term - systemic effects, general population	149 mg/kg bw/day (General Population)
Dermal	Long-term - systemic effects, worker	300 mg/kg bw/day (Worker)
	Long-term - systemic effects, general population	149 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, worker	2,085 mg/m3 (Worker)
	Long-term - systemic effects, general population	477 mg/m3 (General Population)
CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	Long-term - systemic effects, general population	699 mg/kg bw/day (General Population)



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Trade name:'J UI 42UED/3'/'J M J 'UQNKF U'UVQP GEJ KR'DNCEM*3NV+''

		(Contd. of page 3)
Dermal	Long-term - systemic effects, worker	773 mg/kg bw/day (Worker)
	Long-term - systemic effects, general population	699 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, worker	2,035 mg/m3 (Worker)
	Long-term - systemic effects, general population	608 mg/m3 (General Population)
CAS: 6474	2-49-0 Naphtha (petroleum), hydrotreated light	
Oral	Long-term - systemic effects, general population	699 mg/kg bw/day (General Population)
Dermal	Long-term - systemic effects, worker	773 mg/kg bw/day (Worker)
	Long-term - systemic effects, general population	699 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, worker	2,035 mg/m3 (Worker)
	Long-term - systemic effects, general population	608 mg/m3 (General Population)
CAS: 6474	2-95-6 Solvent naphtha (petroleum), light arom.	
Oral	Long-term - systemic effects, general population	11 mg/kg bw/day (General Population)
Dermal	Long-term - systemic effects, worker	25 mg/kg bw/day (Worker)
	Long-term - systemic effects, general population	11 mg/kg bw/day (General population)
Inhalative	Long-term - systemic effects, worker	150 mg/m3 (Worker)
	Long-term - systemic effects, general population	32 mg/m3 (General Population)

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

- · 8.2 Exposure controls
- · Personal protective equipment:
- General protective and hygienic measures: 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 skin. Avoid close or long term contact with the skin. Avoid contact with the eyes and skin.
- Respiratory protection:



• Protection of hands:



Protective gloves

· Material of gloves

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 can not be calculated in advance and has therefore to be checked prior to the application.

Fluorocarbon rubber (Viton)

Recommended thickness of the material: $\geq 0,12 \text{ mm}$

· Penetration time of glove material

> 480 min.

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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ade name:'J UI 42UED/3'/'J M J 'UQNM	"U'UVQP GEJ KR'DNCEM*3NV+"
	(Contd. of pag
• Eye protection:	
Tightly sealed goggles	
• Body protection: Use protective suit.	
SECTION 9: Physical and chem	ical proportion
• 9.1 Information on basic physical and c • General Information	chemical properties
· Appearance:	
Form:	Fluid
Colour:	Black
• Odour: • Odour threshold:	Characteristic Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range	
· Flash point:	-7 °C (DIN 53213)
· Flammability (solid, gas):	Not applicable.
· Ignition temperature:	>200 °C
• Decomposition temperature:	Not determined.
• Auto-ignition temperature:	Product is not selfigniting.
· Explosive properties:	Product is not explosive. However, formation of explosive a
	vapour mixtures are possible.
· Explosion limits:	
Lower:	1 Vol %
Upper:	7 Vol %
• Vapour pressure At 20 °C:	60 hPa
· Density At 20 •C:	1.09 g/cm^3 (DIN 51757)
Relative density	Not determined.
• Vapour density • Evaporation rate	Not determined. Not determined.
-	1101 uciel milieu.
· Solubility in / Miscibility with water:	Not miscible or difficult to mix.
• Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic At 20 °C:	1,300 mPas
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	46.2 %
Water:	0.1 %
Solids content:	54.0 % (DIN 53216)
	<i>No further relevant information available.</i>
• 9.2 Other information	
· 9.2 Other information · VOC (EU):	46.21 %

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· VOCV:

46.21 %

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 No dangerous reactions known.

· 10.4 Conditions to avoid No further relevant information available.

• 10.5 Incompatible materials: No further relevant information available.

· 10.6 Hazardous decomposition products: Carbon monoxide

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects

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

	-	vant for classification:	
		phtha (petroleum), hydrotreated light	
Oral	LD50	>5,840 mg/kg (RAT)	
Dermal	LD50	>2,920 mg/kg (RAT)	
Inhalative	LC50/4 h	>23.3 mg/l (RAT)	
CAS: 6474	CAS: 64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (RAT)	
Dermal	LD50	>2,800 mg/kg (RABBIT)	
Inhalative	LC 50	>23.3 mg/l (RAT)	
CAS: 6474	42-49-0 Na	phtha (petroleum), hydrotreated light	
Oral	LD50	>5,840 mg/kg (RAT)	
Dermal	LD50	>2,920 mg/kg (RABBIT)	
Inhalative	LC50/4 h	>25.2 mg/l (RAT)	
CAS: 64742-95-6 Solvent naphtha (petroleum), light arom.			
Oral	LD50	3,492 mg/kg (RAT)	
Dermal	LD50	>3,160 mg/kg (RABBIT)	
Inhalative	LC50/4 h	>6,193 mg/l (RAT)	
• Primary in • Skin corro	sion/irrita	tion	
Causes ski		n. irritation Based on available data, the classification criteria are not met.	
· Respirator · Additional	y or skin s toxicologi	ensitisation Based on available data, the classification criteria are not met. ensitisation Based on available data, the classification criteria are not met. ical information: No further relevant information available. ogenity, mutagenicity and toxicity for reproduction)	
		ity Based on available data, the classification criteria are not met.	
		ed on available data, the classification criteria are not met.	
· Reproduct		p Based on available data, the classification criteria are not met.	
		s or dizziness.	
		sure Based on available data, the classification criteria are not met.	
· Aspiration	hazard Ba	ased on available data, the classification criteria are not met.	

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· 12.1 T	TION 12: Ecological information
	oxicity
-	ic toxicity:
	54742-49-0 Naphtha (petroleum), hydrotreated light
	06 h >13.4 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)
	48 h 3 mg/l (DAPHNIA MAGNA)
	72 h 10-30 mg/l (SELENASTRUM CAPRICORNUTUM)
	64742-49-0 Naphtha (petroleum), hydrotreated light
	06 h >13.4 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)
	48 h 3 mg/l (DAPHNIA MAGNA)
	72 h 10-30 mg/l (SELENASTRUM CAPRICORNUTUM)
	54742-49-0 Naphtha (petroleum), hydrotreated light
	06 h 11.4 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)
	48 h 10 mg/l (PHAEOPHYTA)
	48 h 3 mg/l (DAPHNIA MAGNA)
	72 h 30-100 mg/l (SELENASTRUM CAPRICORNUTUM)
	64742-95-6 Solvent naphtha (petroleum), light arom.
	06 h 9.2 mg/l (SALMO GAIRDNERI / ONCORHYNCHUS MYKISS)
	48 h 7.4 mg/l (DAPHNIA MAGNA) 48 h 2 2 mg/l (DAPHNIA MAGNA)
	48 h 3.2 mg/l (DAPHNIA MAGNA) 72 h 2 0 mg/l (SELENASTRUM CARRICORNUTUM)
	72 h 2.9 mg/l (SELENASTRUM CAPRICORNUTUM) ersistence and degradability No further relevant information available.
· Additio General Water Do no system Also po Toxic j · 12.5 R · PBT: I · vPvB:	k: Toxic for fish onal ecological information: al notes: hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water t allow undiluted product or large quantities of it to reach ground water, water course or sewa oisonous for fish and plankton in water bodies. for aquatic organisms esults of PBT and vPvB assessment Not applicable. Not applicable. ther adverse effects No further relevant information available.
· 12.6 0	
SEC1 • 13.1 W • Recom Must n	FION 13: Disposal considerations Waste treatment methods The mendation For be disposed together with household garbage. Do not allow product to reach sewage system. The of as dangerous waste.
SECT • 13.1 W • Recom Must n Dispos • Europ	Vaste treatment methods mendation ot be disposed together with household garbage. Do not allow product to reach sewage system. we of as dangerous waste. ean waste catalogue
SECT • 13.1 W • Recom Must n Dispos • Europ	Vaste treatment methods Amendation Not be disposed together with household garbage. Do not allow product to reach sewage system. The of as dangerous waste.
SECT · 13.1 W · Recom Must m Dispos · Europ HP 3 HP 4	Vaste treatment methods mendation of be disposed together with household garbage. Do not allow product to reach sewage system. we of as dangerous waste. ean waste catalogue Flammable Irritant - skin irritation and eye damage
SECT · 13.1 W · Recom Must n Dispos · Europ HP 3 HP 4 HP 5	Vaste treatment methods mendation of be disposed together with household garbage. Do not allow product to reach sewage system. we of as dangerous waste. ean waste catalogue Flammable

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· Uncleaned packaging:

• *Recommendation: Disposal must be made according to official regulations.*

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SECTION 14: Transport informati	on
14.1 UN-Number ADR/RID/ADN, IMDG, IATA	UN1139
14.2 UN proper shipping name ADR/RID/ADN	1139 COATING SOLUTION, ENVIRONMENTALL
IMDG	HAZARDOUS, special provision 640D COATING SOLUTION (HEPTANES, Naphth (petroleum), hydrotreated light), MARINE POLLUTANT
IATA	COATING SOLUTION
14.3 Transport hazard class(es)	
ADR/RID/ADN, IMDG	
Class Label	3 Flammable liquids. 3
Class Label	3 Flammable liquids.
	3
· 14.4 Packing group · ADR/RID/ADN, IMDG, IATA	II
14.5 Environmental hazards:	Product contains environmentally hazardous substance Naphtha (petroleum), hydrotreated light
Marine pollutant:	Yes Symbol (fish and tugs)
Special marking (ADR/RID/ADN):	Symbol (fish and tree) Symbol (fish and tree)
14.6 Special precautions for user	Warning: Flammable liquids.
Danger code (Kemler):	33
EMS Number: Stowage Category	F-E, <u>S-E</u> B
14.7 Transport in bulk according to Anne.	
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	Tansport classification ADR/IMGD is based on packagir >30ltr(IMDG), <450ltr(ADR). For other packaging untis different classification ca
	apply.
ADR/RID/ADN	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
	(Contd. on page



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	(Contd. of page 8)
• Transport category • Tunnel restriction code	2 D/E
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN ''Model Regulation'':	UN 1139 COATING SOLUTION, SPECIAL PROVISION 640D, 3, II, ENVIRONMENTALLY HAZARDOUS

SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture · Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the CLP regulation.
- · Hazard pictograms



· Signal word Danger

· Hazard-determining components of labelling: Naphtha (petroleum), hydrotreated light Naphtha (petroleum), hydrotreated light Naphtha (petroleum), hydrotreated light Solvent naphtha (petroleum), light arom. · Hazard statements H225 Highly flammable liquid and vapour. H315 Causes skin irritation. H336 May cause drowsiness or dizziness. 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. P243 Take precautionary measures against static discharge. P280 Wear protective gloves/protective clothing/eye protection. P312 Call a POISON CENTER/doctor if you feel unwell. P405 Store locked up. P501 Dispose of contents/container in accordance with local/regional/national/international regulations. · Directive 2012/18/EU · Named dangerous substances - ANNEX I None of the ingredients is listed. · Seveso category E2 Hazardous to the Aquatic Environment P5c FLAMMABLE LIQUIDS • Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t • Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t • REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3, 40

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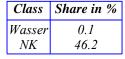
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· National regulations:

• Technical instructions (air):



• Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water. • 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

· Relevant phrases

H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects. · Department issuing SDS: Product safety department. · Contact: · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) DNEL: Derived No-Effect Level (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Skin Irrit. 2: Skin corrosion/irritation – Category 2 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 • * Data compared to the previous version altered.