Cover sheet for the safety data sheet

Product identification:

Trade name COLOR RESTORER

Intended use Restorer

UFI FTFF-34NX-C00W-Y2GG

Item number SPCR500

Supplier submitting the safety data sheet:

Supplier: TELL's Power AG

Bahnhofweg 2 + 4 CH-6405 Immensee

Phone: 041 850 77 44

E-Mail: <u>info@tellspower.ch</u>

National emergency number: 145 (available 24 hours, Tox Info Suisse, Zurich;

for calls from Switzerland, information in

German, French and Italian)

Information for users concerning:

Section 1 For commercial users only

Section 13 Do not dispose of completely empty packaging together with household

waste. Packaging must be sent for recycling. Treat product residues and nonemptied packaging as hazardous waste. Residues may pose an explosion

hazard. Do not perforate uncleaned containers,

cut or weld uncleaned containers. Dispose of hazardous waste in accordance with Directive 91/689/EEC at an authorized disposal site, indicating a waste code number in accordance with Decision 2000/532/EC. Disposal should be carried out in accordance with regional, national and local laws and regulations. Local regulations may be stricter than regional or national requirements and must be observed. Switzerland: Dispose of completely empty packaging with municipal waste. Return partially emptied containers to the point of sale or hand them over to a collection point for special waste.

Section 15 This product may only be supplied to professional users

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SECTION 1: Identification of the substance or mixture and the company

· 1.1 Product identifier

Trade name: Epifanes Seapower Color Restorer UFI: C0C0-C0SV-E00Q-CQEK 1.2 Relevant identified uses of the substance or mixture and

Uses advised against

- · Sector of use
 - SU22 Commercial uses: Public sector (administration, education, entertainment, services, crafts)
- · Product Category PC31 Polishes and Wax Blends
- · Process category PROC0 Cotton cloth or sponge
- · Environmental Release Category
- ERC10a Widespread use of low release articles (outside)
- Application of the substance / the mixture See our technical data sheet for the application of this product.
 Color correction agent for GRP
- · 1.3 Details of the supplier of the safety data sheet · Manufacturer/Supplier: W.Heeren & Zoon bv.

PO box 166 1430

AD Aalsmeer

Netherlands tel.

+31 297-360366 email:

info@epifanes.nl · Respondent

department: Research & Development.

1.4 Emergency number:

The Poison Centers; Telephone emergency call and information: information

center against poisoning; Tel.: +49 (0) 228 19240 (emergency)

Tel.: +49 (0) 228-287 33480 (Secretariat) Fax: +49 (0) 228 287-33278 Email:

info@giftzentrale-bonn.de www.ukbonn.de

Center for Pediatrics

Clinic and Polyclinic for General Paediatrics

University Hospital Bonn Adenauerallee 119 53113 Bonn

SECTION 2: Hazards identification

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



GHS08 health hazard

STOT RE 2

H373 May cause damage to organs with prolonged or repeated exposure.

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GHS05 Corrosion

Skin Corr. 1B H314 Causes severe skin burns and severe

eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



Skin Sens 1 H317 can cause allergic skin reactions.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects Effect.

- · 2.2 Label elements
- Labeling according to Regulation (EC) No. 1272/2008
 The product is classified and labeled according to the CLP regulation.
- · Hazard pictograms







GHS05 GHS07 GHS08

· Signal word Danger

Hazard-determining components of labelling:

morpholine

(R)-p-mentha-1,8-diene

formaldehyde

· Hazard statements

H314 Causes severe skin burns and eye damage.

H317 can cause allergic skin reactions.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· Safety instructions

P102 Keep out of the reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and

keep away from other sources of ignition. Do not smoke.

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.

P280 protective gloves/ protective clothing/ eye protection/ face protection/

To wear ear protection.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P303+P361+P353 IF ON SKIN (or hair): All contaminated

Remove clothing immediately. Rinse skin with water

[or shower].

P501 Dispose of contents / container in accordance with local /

regional / national / international regulations.

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· 2.3 Other hazards · Results of

PBT and vPvB assessment \cdot PBT: Not applicable. \cdot vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

- 3.2 Mixtures
- · Description:

Mixture of substances listed below with harmless additions.

CAS: 1317-95-9 EC number: 603-514-9	Silica-Crystalline Tripoli STOT SE 1, H370 Eye Irrit. 2, H319 White mineral oil, petroleum Asp. Tox.	
CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27	1, H304 Acute Tox. 4, H332 Self react.	10-25%
CAS: 56-81-5 EINECS: 200-289-5 Reg.nr.: 01-2119471987-18-0000	Glycerin Substance with a Community workplace exposure limit Morpholine Flam. Liq. 3, H226 Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Acute	2.5-10%
CAS: 110-91-8 EINECS: 203-815-1 Index number: 613-028-00-9 Reg.nr.: 01-2119496057-30	Tox. 4, H332	
CAS: 102-71-6 EINECS: 203-049-8 Reg.nr.: 01-2119486482-31-0000	triethanolamine Substance for which a common Exposure limit at Workplace applies oleic	ÿ1%
CAS: 112-80-1 EINECS: 204-007-1 Reg.nr.: under C&L Inventory	acid skin irritation 2, H315; eye irritation 2, H319; STOT SE 3, H335	ÿ1%

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Liq. 3, H226 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Skin Irrit. 2, H315; Skin	
Sens. 1, H317	
formaldehyde Flam. Liq. 3, H226 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 Muta. 2, H341; carc. 1B, H350 Skin Corr. 1B, H314 Skin	<0.1%
Sens. 1, H317 Specific Concentration Limits: SkinCorr. 1B; H314: C ÿ 25% Skin Irrit. 2; H315: 5% ÿ C < 25% Eye 1rrit. 2; H319: 5% ÿ C < 25% Skin Sens. 1; H317: C ÿ 0.2% STOT SE 3; H335: C ÿ 5%	
_	formaldehyde Flam. Liq. 3, H226 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 Muta. 2, H341; carc. 1B, H350 Skin Corr. 1B, H314 Skin Sens. 1, H317 Specific Concentration Limits: SkinCorr. 1B; H314: C ÿ 25% Skin Irrit. 2; H315: 5% ÿ C < 25% Eye Irrit. 2; H319: 5% ÿ C < 25% Skin Sens. 1; H317: C ÿ 0.2%

Additional information:

The wording of the listed risk phrases can be found in section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures General information:

Remove contaminated clothing immediately.

· After inhalation:

Plenty of fresh air and to be on the safe side consult a doctor.

In case of unconsciousness place and transport in stable sideways position.

· After skin contact:

Wash off immediately with soap and water and rinse well.

Wash off immediately with water.

After eye contact:

Rinse eyes under running water for several minutes with eyelids open and consult a doctor.

After swallowing:

Drink plenty of water and get fresh air. Consult doctor immediately.

- 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.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

CO2, extinguishing powder or water spray jet. Fight larger fires with water spray or alcohol-resistant foam.

• 5.2 Special hazards arising from the substance or mixture Formation of toxic gases during heating or in case of fire.

No further relevant information available.

- 5.3 Advice for firefighters - Protective equipment:

Put on breathing apparatus.

SECTION 6: Accidental release measures

 6.1 Personal precautions, protective equipment and in emergencies applicable procedures

Put on breathing apparatus.

wear protective gear. Keep unprotected people away.

6.2 Environmental protection measures:

Inform respective authorities when entering in waters or the sewerage.

Do not allow to enter drains/surface water/ground water.

6.3 Methods and material for containment and cleaning up:

Pick up with absorbent material (sand, kieselguhr, acid binder, universal binder, sawdust).

Use neutralizing agent.

Dispose of contaminated material as waste according to Section 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 protective equipment.

Information on disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid aerosol formation.

n/A

- · Information about protection against explosions and fires: Keep breathing apparatus ready.
- 7.2 Conditions for safe storage, including any incompatibilities Storage: Requirements to be met by storerooms and containers: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep container tightly closed.
- · Classification according to the Ordinance on Industrial Safety and Health (BetrSichV): -

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· 7.3 Specific end uses

No further relevant information available.

0.4.5-	ctive equipment	
	rameters to monitor	
	nents with workplace-related limit values to be monitored:	
	-5 glycerin	
AGW	long-term value: 200 U mg/m³ 2 (I); DFG, Y	
110-9	1-8 morpholine	
AGW	ong-term value: 36 mg/m³, 10 ml/m³ 2(I); DFG, EU, H, 6	
102-7	1-6 triethanolamine	
AGW	ong-term value: 1 U mg/m³ 1(I); DFG, Y	
112-80	0-1 oleic acid	
MAK	see section IIb and Xc 5989-27-5	
(R)-p-ı	mentha-1,8-dien OEL long-term value:	
28 mg	/m³, 5 ml/m³ 4(II); DFG, H, Sh, Y	
50-00-	-0 formaldehyde	
AGW	ong-term value: 0.37 mg/m³, 0.3 ml/m³ 2(I); AGS, Sh, Y, X	
56-81-	-5 glycerin	
AGW	ong-term value: 200 U mg/m³ 2 (I); DFG, Y	
110-9°	1-8 morpholine	
AGW	ong-term value: 36 mg/m³, 10 ml/m³ 2(I); DFG, EU, H, 6	
102-7	1-6 triethanolamine	
AGW	ong-term value: 1 U mg/m³ 1(I); DFG, Y	
112-80	0-1 oleic acid	
MAK	see section IIb and Xc 5989-27-5	
(R)-p-ı	mentha-1,8-dien OEL long-term value:	
28 mg	/m³, 5 ml/m³ 4(II);DFG, H, Sh, Y 50-00-0	
forma	aldehyde OEL long-term value:	
0.37 m	ng/m³, 0.3 ml/m³ 2(I); AGS, Sh, Y, X	
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egislation AGW: TRGS	2 000	
	o 900 and BAT List	
	ed No Effect Level) for professionals	
•	/hite mineral oil, petroleum	
dermal	· •	047.05 === (
dermai	Long term - systemic effects.	217.05 mg/kg/day (employee)
Inhalative Lo	ong-term - systemic effects.	164.56 mg/m³ (employees)
56-81-5 glyc	erol	
Inhalative Lo	ong term - local effects. 220 mg/m³ (employe	es)
110-91-8 mo	rpholine	
dermal	Long term - systemic effects.	0.84 mg/kg/day (employee)
Inhalative ad	cute / short-term - local defects	72 mg/m³ (employees)
	Long-term - local effects.	36 mg/m³ (employees)
5989-27-5 (R	t)-p-mentha-1,8-diene Long term -	
dermal	systemic effects.	9.5 mg/kg/day (employee)
Inhalative Lo	ong-term - systemic effects.	66.7 mg/m³ (employees)
50-00-0 form	naldehyde	· ·
dermal	Long-term - local effects.	37 μg/cm² (employee) 240 mg/kg/
	Long term - systemic effects.	day (employee)
Inhalation L	ong term - local effects.	0.375 mg/m³ (employee) 9 mg/m³
	Long term - systemic effects.	(employee)
	ed No Effect Level) for general audiences	
8042-47-5 W	hite mineral oil, petroleum	92
Orally	Long-term systemic effects.	25 mg/kg bw/day (General Population)
dermal	Long-term - systemic effects. 93.02 mg/l	kg bw/day (General Population)
Inhalation L	ong term - systemic effects. 34.78 mg/m³ (ge	neral population)
56-81-5 glyc	erol	
Inhalative Lo	ong term - local effects.	132 mg/m³ (General Population)
110-91-8 mo	rpholine	
Orally	Long-term systemic effects.	0.3 mg/kg bw/day (General
		Population)
		(continued on page 8)



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F000 07 F (5	N m mandha 4 0 -11		(continued from page 7)	
•	2)-p-mentha-1,8-diene			
Orally	Long-term systemic effects.		4.8 mg/kg bw/day (General Population)	
dermal		effects. 4.8 mg/kg bw/day	• •	
aoi mai	Long-term - systemic	enecis. 4.6 mg/kg bw/day	Population)	
Inhalation L	ong term - systemic effec	ets. 16.6 mg/m³ (General	,	
	,		Population)	
50-00-0 form	naldehyde			
Orally	Long-term systemic		mg/kg bw/day (rat)	
	effects.			
dermal	Long-term - systemic	effects. 102 mg/kg bw/da		
			Population)	
	Long-term - local effe		12 mg/m³ (general population)	
Inhalation L	ong term - systemic effec	ets. 3.2 mg/m³ (General	Population)	
	Long torm lead offe	ento.	Population)	
	Long-term - local effe	ects.	0.1 mg/m³ (General Population)	
NEC values	4			
	orin			
56-81-5 glyc STP	erin	4 000 mg/l /oogmontotic	n towasting and	
011		1,000 mg/l (segmentation, targeting and positioning)		
110-91-8 mo	rpholine	poorg/		
	ompartment. 0.163 mg/l (f	resh water)		
-	ompartment. 0.016 mg/l (s			
STP	p	The state of the s	Targeting and Positioning)	
loor		1.83 mg/kg (freshwater)	and the second s	
floor		0.269 mg/kg (soil)		
sediment		0.183 mg/kg (salt water)		
5989-27-5 (R	t)-p-mentha-1,8-diene	, J. J. J. (1444-1444)		
	partment. 1.4 µg/l (salt wa	ater)		
-		14 μg/l (fresh water)		
STP		1.8 mg/l (segmentation, targeting and positioning)		
floor		3.85 mg/kg (fresh water)		
loor		0.763 mg/kg (soil)		
sediment		0.385 mg/kg (salt water)		
50-00-0 form	naldehyde			
Aquarium co	ompartment. 0.44 mg/l (fre	sh water)		
Aquarium co	ompartment. 0.44 mg/l (sa	t water)		
STP		0.19 mg/l (segmentation	, targeting and	
		positioning)		
floor		2.3 mg/kg (fresh water)	2.3 mg/kg (fresh water)	
floor 0.2 mg/kg (soil)				
sediment				



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- Additional information: The
 - lists valid during the making were used as basis.
- \cdot 8.2 Exposure controls \cdot Appropriate technical controls No further information, see Section 7.
- · Individual protective measures, such as personal protective equipment · General protective and hygienic measures: Keep away from food, drink and animal feed.

Take off dirty, soaked clothes immediately.

Wash hands before breaks and at the end of work.

Separate storage of protective clothing.

Avoid contact with eyes.

Avoid contact with eyes and skin.

- · Respiratory protection Not required.
- · Handguard



protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to a lack of tests, no recommendation on the glove material for the product / the preparation / the chemical mixture can be given.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· Material of gloves

The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. Since the product is a mixture of several substances, the resistance of the glove materials cannot be calculated in advance and must therefore be checked before use.

- Penetration time of glove material The exact break through time can be found out from the manufacturer of the protective gloves and has to be observed.
- For continuous contact of a maximum of 15 minutes, gloves are made of the following Materials suitable: butyl rubber
- · Eye/face protection



Tight fitting goggles

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties · General information · Physical state · Color

Fluid
According to the product description

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· Odor:	Characteristic		
Odor threshold:	Not determined.		
Melting point/freezing point:	Not determined.		
- Boiling point or initial boiling point and			
boiling range	Not determined.		
· Flammability	Not applicable.		
· Lower and upper explosive limits			
Lower:	Not determined.		
Upper:	Not determined.		
Flash point:	>93°C		
Decomposition temperature: pH value:	Not determined.		
No. 11 To	Not determined.		
Viscosity:			
Kinematic viscosity at 20 °C	30s (ISO 6mm)		
Dynamic: - Solubility	Not determined.		
· Water:			
	Not or only slightly miscible.		
partition coefficient n-octanol/	Not determined.		
water (log value)	Not determined.		
Vapor pressure:	Not determined.		
 Density and/or specific gravity Density at 20 °C: 	4.000		
Relativ density	1.269 g/cc Not determined.		
· Vapor Density	Not determined.		
· vapor bensity	Not doto//illinou.		
- 9.2 Other information - Look:			
· Shape:	Fluid		
Important health and safety information	Fiulu		
environmental protection and safety			
Ignition temperature	The product is not		
igo toporataro	self-igniting.		
· Explosive properties:	The product is not		
	explosive.		
solvent content:			
· Organic solvents:	12.1%		
Water:	52.9%		
· VOCs	7.09%		
	VOC:		
	90.0g/L / 0.75lb/gal		
- State change			
· Evaporation rate	Not determined.		
Details of physical hazard classes			
· Explosive substances/mixtures and			
products containing explosives	omitted		
· Flammable gases	omitted		
· Aerosols	omitted		
- Oxidizing gases	omitted		
Gases under pressure	omitted		
· Flammable liquids	omitted		

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	(continued from page 10)
· Flammable solids	omitted
· Self-reactive substances and mixtures are not applicable	
Pyrophoric liquids	omitted
· Pyrophoric solids	omitted
Self-heating substances and mixtures	omitted
Substances and mixtures in contact develop flammable gases with water not applicable	
· Oxidizing liquids	omitted
· Oxidizing solids	omitted
· Organic peroxides	omitted
Corrosive to metals substances and mixtures	omitted
 Desensitized substances/mixtures and 	
products containing explosives	omitted

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 as directed.

- 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:

No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on the hazard classes in accordance with Regulation (EC) No. 1272/2008
- · Acute toxicity

Based or	the avail	able data, the classification criteria are not met.
Classificati	on-releva	nt LD/LC50 values:
56-81-5 g	lycerin	
Oral LD5	0 12,600 r	ng/kg bw (rat)
110-91-8	morpholi	ne
Oral	LD50 1	050 mg/kg bw (rat)
LD5	0 90 mg/k	g (Guinea pig)
		720 mg/kg (mouse)
		1,050 mg/kg (rat)
Dermal L	D50 500 n	ng/kg bw (rabbit)
102-71-6	triethano	amine
Orally	LD50 8	000 mg/kg bw (rat)
7.		(antiqued or name 40)

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112-80-1 (Oleic acid	
Orally	LD50 7	I,000 mg/kg (rat)
Dermal LI	D50 >3,00	0 mg/kg bw (Guinea pig)
	LD50 2	30 mg/kg (mouse) 2 mg/
		kg (rat)
5989-27-5	(R)-p-me	ntha-1,8-diene LD50 4,400
Orally	mg/kg	ow (rat)
	LD50 5	600-6,600 mg/kg (mouse)
	LD50 4	400 mg/kg (rat)
Dermal LI	50 5,000	mg/kg bw (rabbit)
50-00-0 fo	rmaldehy	de LD50
Orally	>200 m	g/kg bw (rat) Skin corrosion/

irritation

Causes serious irritation of the skin and serious eye damage.

- Serious eye damage/irritation Causes serious eye damage.
- $\boldsymbol{\cdot}$ Respiratory or skin sensitization May cause an allergic skin reaction.
- · Germ cell mutagenicity

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

Carcinogenicity

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

- · Reproductive toxicity
 - Based on the available data, the classification criteria are not met.
- Specific target organ toxicity single exposure Based on the available data, the classification criteria are not met.
- Specific target organ toxicity repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

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

· 11.2 Information on other hazards · Endocrine

disruptive properties

None of the ingredients are included.

SECTION 12: Ecological information

· 12.1 Toxicity · Aquatic

toxicity: No further relevant information available.

· 12.2 Persistence and degradability

No further relevant information available.

· 12.3 Bioaccumulative potential

No further relevant information available.

- · 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disruptive properties The product does not contain any substances with endocrine disruptive properties.

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- · 12.7 Other adverse effects
- · Remark: Harmful to fish.
- · Additional ecological information:
- · General information:

Water hazard class 2 (self-assessment): significantly hazardous to water Do not allow to get into ground water, water bodies or sewage system. Must not be discharged undiluted or unneutralized into waste water or drainage ditch reach

Danger to drinking water if even small quantities leak into the ground. harmful to aquatic organisms

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation:

Must not be disposed together with household garbage. Not in the sewers let reach.

 European waste 	catalogue
08 00 00 WASTE	FROM MANUFACTURE, PREPARATION, DISTRIBUTION AND USE
	(MCVA) OF COATINGS (PAINTS, COATINGS, ENAMEL), ADHESIVES, SEALANTS AND INKS
08 01 00 wastes	from MFSU and removal of paint and varnish
08 01 11* waste	paint and varnish containing organic solvents or other
	contain dangerous substances
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Hazard
HP8	corrosive
HP14	ecotoxic

Uncleaned packaging:

- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN number or ID number

ADR, IMDG, IATA UN1993

14.2 UN proper shipping name

ADR 1993 FLAMMABLE LIQUID,

NAG (MORPHOLINE)

IMDG, IATA FLAMMABLE LIQUID, NOS (MORPHOLINE)

· 14.3 Transport hazard classes

ADR



· Class 3 (F1) Flammable liquids

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· Danger label	3	
IMDG, IATA		
Class	3 Flammable liquids	
Labels	3	
· 14.4 Packing group ADR, IMDG, IATA	III	
14.5 Environmental hazards:		
Marine pollutants:	no	
· 14.6 Special precautions for		
the user	Caution: Flammable liquids	
Number identifying the hazard	30	
(Kemler number): EMS number:	FE,SE	
Stowage Category	A	
14.7 Bulk Carriage on the Sea route according to IMO instruments	Not applicable.	
Transport/further information:		
ADR		
Exempted quantities (EQ):	E1	
Limited Quantity (LQ)	5L	
Exempted quantities (EQ)	Code: E1	
	Maximum net quantity per inner packaging: 30ml	
	Maximum net quantity per outer packaging: 1000ml	
· Carriage category	3	
· Tunnel restriction code	D/E	
IMDG		
Limited quantities (LQ)	5L	
Excepted quantities (EQ)	Code: E1	
	Maximum net quantity per inner	
	packaging: 30ml	
	Maximum net quantity per outer packaging: 1000ml	
	· • •	
UN "Model Regulation":	UN No. 1993, FLAMMABLE LIQUID,	
	NAG (MORPHOLINE), 3, III	

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SECTION 15: Regulatory information

- · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients are listed.
- · REGULATION (EC) No. 1907/2006 ANNEX XVII Conditions of restriction: 3, 72 · Directive 2011/65/EU on

the restriction of the use of certain hazardous

Substances in Electrical and Electronic Equipment - Annex II None of the

ingredients are included.

REGULATION (EU) 2019/1148

Appendix I - RESTRICTED EXPLOSIVES PRECURSORS (Upper

Concentration limit for an Article 5(3) permit)

None of the ingredients are included.

- Appendix II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients are included.

· Regulation (EC) No. 273/2004 on drug precursors

None of the ingredients are included.

Regulation (EC) No. 111/2005 laying down rules for the
 Monitoring of trade in drug substitutes between the Community and third countries

None of the ingredients are included.

National regulations:

Technical Instructions Air:

class share	in %
water	50-100
NK	10-25

- · Water hazard class: Water hazard class 2 (self-assessment): clearly hazardous for water.
- 15.2 Chemical safety assessment:

A chemical safety assessment has not been carried out.

SECTION 16: Other information The

information is based on the current state of our knowledge, but it does not represent a guarantee of product properties and does not constitute a contractual legal relationship.

· Relevant phrases

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

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H315 Causes skin irritation.

H317 can cause allergic skin reactions.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H370 Causes damage to organs.

H400 Very toxic to aquatic organisms.

H410 - Very toxic for water organisms with long-term effect.

- Department issuing data sheet: Research & Development.

Contact person: JJ van Dijk, tel: +31 297 360678, email: rend@epifanes.nl Date of previous version: 09.02.2022 Version number of previous version: 9 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 Organization 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 IATA: International

Air Transport Association GHS: Globally Harmonized System of Classification

and Labeling 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)

GefStoffV: Ordinance on Hazardous Substances, Germany

VOC: Volatile Organic Compounds (US, EU)

DNEL: Derived No Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal

dose, 50 percent PBT: Persistent, Bioaccumulative and

Toxic vPvB: very Persistent and very Bioaccumulative Flam.

Liq. 3: Flammable Liquids - Category 3 Self-react. G: Self-reactive

substances and mixtures - Type G Acute Tox. 3: Acute Toxicity - Category 3

Acute Tox. 4: Acute Toxicity - Category 4 Skin Corr. 1B: Skin irritation/corrosion - Category

1B Skin Irrit. 2: Skin irritation/corrosion – Category 2 Eye Dam. 1: Serious eye damage/eye

irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Skin Sens.

1: Skin sensitization - Category 1 Muta. 2: Germ Cell Mutagenicity - Category 2 Carc. 1B: Carcinogenicity - Category 1B STOT SE 1: Specific target organ toxicity (single exposure)

- Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT

RE 2: Specific target organ toxicity (repeated exposure) – Category 2 Asp. Tox. 1: Aspiration

hazard - Category 1 Aquatic Acute 1: Aquatic hazard - acute aquatic hazard - Category 1

Aquatic Chronic 1: Aquatic hazard - long-term aquatic hazard - Category 1 Aquatic Chronic 3:

Aquatic hazard - long-term aquatic hazard - Category 3

• * Data changed compared to the previous version