

according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 1 of 13

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

1.1. Product identifier

NORD-TEST Kontrastrot U 88 Spray

Further trade names

Article no. (user): 121.300.201

UFI: 6TK5-4X5N-HQ6Q-HEH3

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

Use of the substance/mixture

Inspection of metals

1.3. Details of the supplier of the safety data sheet

Company name: Helling GmbH
Street: Spoekerdamm 2
Place: D-25436 Heidgraben

Telephone: +49-4122-922-0 Telefax: +49-4122-922-201

e-mail: info@helling.de Internet: www.helling.de

1.4. Emergency telephone number:GIZ Nord Göttingen +49-(0)551-19240
(Information in German and English)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Hazard categories: Aerosols: Aerosol 1

Skin corrosion/irritation: Skin Irrit. 2

Specific target organ toxicity - single exposure: STOT SE 3 Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes skin irritation.

May cause drowsiness or dizziness.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Distillates (petroleum), hydrotreated light, Kerosine - unspecified

Signal word: Danger

Pictograms:







Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.





according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 2 of 13

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.
P302+P352 IF ON SKIN: Wash with plenty of water.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container to industrial incineration plant.

Special labelling of certain mixtures

EUH208 Contains Solvent red dye, Solvent red Dye. May produce an allergic reaction.

Additional advice on labelling

The marking of aspiration hazard (Asp. Tox. 1; H304) is not required for aerosols and for containers with a sealed spray attachment (Regulation (EC) No 1272/20, Annex I 1.3.3).

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures



according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 3 of 13

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (GB CLP Regulatio	n)	•	
64742-47-8	Distillates (petroleum), hydrotreat	ed light, Kerosine - unspe	cified	35 - 45 %
	265-149-8	649-422-00-2	01-2119484819-18	
	Skin Irrit. 2, STOT SE 3, Asp. Tox	c. 1, Aquatic Chronic 2; H3	15 H336 H304 H411	
106-97-8	butane			30 - 40 %
	203-448-7	601-004-00-0	01-2119474691-32	
	Flam. Gas 1; H220	•	·	
74-98-6	propane			8 - 12 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1; H220	·		
56358-09-9	Solvent red dye			0 - 0,75 %
	260-124-8			
	Skin Irrit. 2, Skin Sens. 1, STOT F			
57712-94-4	Solvent red Dye	0 - 0,75 %		
	260-913-7			
	Skin Irrit. 2, Skin Sens. 1, STOT F			
	Hydrocarbons, C10, aromatics, >	0 - 0,65 %		
	919-284-0		01-2119463588-24	
	Carc. 2, STOT SE 3, Asp. Tox. 1,			
	Hydrocarbons, C10-C13, aromati	0 - 0,65 %		
	926-273-4		01-2119451151-53	
	Carc. 2, STOT SE 3, Asp. Tox. 1,			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity		
	Specific Conc.	Specific Conc. Limits, M-factors and ATE			
64742-47-8	265-149-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified	35 - 45 %		
	inhalation: LC mg/kg	C50 = 5,28 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000			
106-97-8	203-448-7	butane	30 - 40 %		
	inhalation: LC50 = 658 mg/l (dusts or mists)				
74-98-6	200-827-9	propane	8 - 12 %		
	inhalation: LC	C50 = > 20 mg/l (vapours)			
	919-284-0	919-284-0 Hydrocarbons, C10, aromatics, > 1% naphthalene			
	dermal: LD50) = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg			
	926-273-4	Hydrocarbons, C10-C13, aromatics, > 1% naphthalene	0 - 0,65 %		
	dermal: LD50) = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg			

Further Information

EC No. 919-284-0 & 926-273-4:

The amount of these two components will not exceed 1 % content within the product.

SECTION 4: First aid measures

4.1. Description of first aid measures



Helling GmbH

according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 4 of 13

General information

First aider: Pay attention to self-protection!

After inhalation

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Caution if victim vomits: Risk of aspiration! Medical treatment necessary.

4.2. Most important symptoms and effects, both acute and delayed

Following eye contact: Conjunctival redness.

After skin contact: erythema (redness)

after ingestion: vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder. Atomized water.

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes.

6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

Other information

Ventilate affected area.

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.



Helling GmbH

according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 5 of 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/vapour/aerosol. Avoid contact with skin, eyes and clothes.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixtures with air.

Advice on general occupational hygiene

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

Hints on joint storage

Do not store together with: Oxidizing agents.

7.3. Specific end use(s)

In case of special use, contact supplier.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL



according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 6 of 13

DNEL/DMEL values

CAS No	Substance			
DNEL type		Exposure route	Effect	Value
64742-47-8	Distillates (petroleum), hydrotreated ligh	t, Kerosine - unspecified		
Consumer DN	IEL, long-term	oral	systemic	19 mg/kg bw/day
56358-09-9	Solvent red dye			
Worker DNEL	., long-term	dermal	systemic	0,53 mg/kg bw/day
Worker DNEL	., long-term	inhalation	systemic	1,88 mg/m³
Consumer DN	IEL, long-term	dermal	systemic	0,27 mg/kg bw/day
Consumer DN	IEL, long-term	inhalation	systemic	0,46 mg/m³
Consumer DN	IEL, long-term	oral	systemic	0,27 mg/kg bw/day
57712-94-4	Solvent red Dye			
Worker DNEL	., long-term	dermal	systemic	0,53 mg/kg bw/day
Worker DNEL	., long-term	inhalation	systemic	1,88 mg/m³
Consumer DN	IEL, long-term	dermal	systemic	0,27 mg/kg bw/day
Consumer DN	IEL, long-term	inhalation	systemic	0,46 mg/m³
Consumer DN	IEL, long-term	oral	systemic	0,27 mg/kg bw/day
	Hydrocarbons, C10, aromatics, > 1% na	phthalene		
Worker DNEL	, long-term	dermal	systemic	12,5 mg/kg bw/day
Worker DNEL	., long-term	inhalation	systemic	150 mg/m³
Consumer DN	IEL, long-term	dermal	systemic	7,5 mg/kg bw/day
Consumer DN	IEL, long-term	inhalation	systemic	32 mg/m³
Consumer DN	IEL, long-term	oral	systemic	7,5 mg/kg bw/day
	Hydrocarbons, C10-C13, aromatics, > 1	% naphthalene		
Worker DNEL	., long-term	dermal	systemic	12,5 mg/kg bw/day
Worker DNEL	., long-term	inhalation	systemic	151 mg/m³
Consumer DNEL, long-term		dermal	systemic	7,5 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	32 mg/m³
Consumer DNEL, long-term		oral	systemic	7,5 mg/kg bw/day

8.2. Exposure controls





Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

Individual protection measures, such as personal protective equipment





according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 7 of 13

Eye/face protection

Wear eye/face protection.

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Recommended protective gloves brand: neoprene NBR (Nitrile rubber). Viton (break through time > 240 min) Protect skin by using skin protective cream.

Skin protection

Body protection: not required.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Aerosol Colour: red

Odour: characteristic

Melting point/freezing point:

Boiling point or initial boiling point and

not applicable

boiling range: Flammability

Solid/liquid: not applicable not determined Gas: 1,4 vol. % Lower explosion limits: 10,8 vol. % Upper explosion limits: Flash point: not applicable Decomposition temperature: not determined pH-Value: not applicable The study does not need to be conducted Water solubility:

because the substance is known to be insoluble in water.

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined Vapour pressure: 3100 hPa

(at 20 °C)

Density: not determined Relative vapour density: not determined

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

Heating causes rise in pressure with risk of bursting. Vapours may form explosive mixtures with air.

Self-ignition temperature

Solid: not applicable
Gas: not determined

Oxidizing properties Not oxidising.



Helling GmbH

according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 8 of 13

Other safety characteristics

Evaporation rate: not determined Solid content: not determined

SECTION 10: Stability and reactivity

10.1. Reactivity

No risks worthy of mention.

10.2. Chemical stability

No risks worthy of mention.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixtures with air.

10.4. Conditions to avoid

Remove all sources of ignition. Keep away from heat.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

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

CAS No	Chemical name							
	Exposure route	Dose		Species	Source	Method		
64742-47-8	Distillates (petroleum), hydrotreated light, Kerosine - unspecified							
	oral	LD50 mg/kg	> 5000	Rat				
	dermal	LD50 mg/kg	> 2000	Rabbit				
	inhalation (4 h) dust/mist	LC50	5,28 mg/l	Rat				
106-97-8	butane							
	inhalation (4 h) dust/mist	LC50	658 mg/l	Rat				
74-98-6	propane							
	inhalation (4 h) vapour	LC50	> 20 mg/l	Rat				
	Hydrocarbons, C10, aromatics, > 1% naphthalene							
	oral	LD50 mg/kg	> 5000	Rat				
	dermal	LD50 mg/kg	> 2000	Rabbit				
	Hydrocarbons, C10-C13, aromatics, > 1% naphthalene							
	oral	LD50 mg/kg	> 5000	Rat				
	dermal	LD50 mg/kg	> 2000	Rabbit				



according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 9 of 13

Irritation and corrosivity

Causes skin irritation.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Contains Solvent red dye, Solvent red Dye. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

May cause drowsiness or dizziness. (Distillates (petroleum), hydrotreated light, Kerosine - unspecified)

STOT-repeated exposure

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

Aspiration hazard

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

Caution if victim vomits: Risk of aspiration!

11.2. Information on other hazards

Endocrine disrupting properties

No information available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name							
	Aquatic toxicity	Dose		[h] [d]	Species	Source	Method	
64742-47-8	Distillates (petroleum), hy	Distillates (petroleum), hydrotreated light, Kerosine - unspecified						
	Fish toxicity	NOEC mg/l	0,098	14 d				
74-98-6	propane							
	Acute fish toxicity	LC50 mg/l	> 100	96 h				
	Acute algae toxicity	ErC50 mg/l	> 100					
	Acute crustacea toxicity	EC50 mg/l	> 100	48 h				
	Hydrocarbons, C10, aromatics, > 1% naphthalene							
	Acute fish toxicity	LC50 mg/l	2,0 - 5,0	96 h	Oncorhynchus mykiss (Rainbow trout)			
	Acute algae toxicity	ErC50 mg/l	4,0 - 11,0	72 h	Pseudokirchneriella subcapitata			
	Acute crustacea toxicity	EC50 mg/l	1,0 - 10,0	48 h	Daphnia magna			
	Hydrocarbons, C10-C13, aromatics, > 1% naphthalene							
	Acute fish toxicity	LC50 mg/l	2,0 - 5,0	96 h	Oncorhynchus mykiss (Rainbow trout)			
	Acute algae toxicity	ErC50 mg/l	4,0 - 11,0		Pseudokirchneriella subcapitata			
	Acute crustacea toxicity	EC50 mg/l	1,0 - 10,0	48 h	Daphnia magna			

12.2. Persistence and degradability

The product has not been tested.

12.3. Bioaccumulative potential



according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 10 of 13

The product has not been tested.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The product has not been tested.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No information available.

12.7. Other adverse effects

No information available.

Further information

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous

waste

List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE

CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal

packaging waste); metallic packaging

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es): 2 Hazard label: 2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L
Transport category: 2
Tunnel restriction code: D





according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 11 of 13

Other applicable information (land transport)

EQ: E0

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):2Hazard label:2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Other applicable information (inland waterways transport)

EQ: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 1950 **14.2. UN proper shipping name:** AEROSOLS

14.3. Transport hazard class(es):2.114.4. Packing group:-Hazard label:2.1



Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: See SP277 EmS: F-D, S-U

Other applicable information (marine transport)

EQ: E0

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 1950

14.2. UN proper shipping name: AEROSOLS, flammable

14.3. Transport hazard class(es):2.1Hazard label:2.1



Special Provisions: A145 A167 A802

Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

Other applicable information (air transport)

Passenger-LQ: Y203

EQ: E0

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No information available.



Helling GmbH

according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 12 of 13

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 40, Entry 75

2004/42/EC (VOC): 47,4 %

National regulatory information

Water hazard class (D): 1 - slightly hazardous to water

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Distillates (petroleum), hydrotreated light, Kerosine - unspecified

Hydrocarbons, C10, aromatics, > 1% naphthalene Hydrocarbons, C10-C13, aromatics, > 1% naphthalene

SECTION 16: Other information

Changes

section 3, 8, 11, 12, 16

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate LC50: Lethal concentration, 50%

LD50: Lethal dose, 50% LL50: Lethal loading, 50% EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

EmS: Emergency Schedules MFAG: Medical First Aid Guide

IATA: International Air Transport Association ICAO: International Civil Aviation Organization





according to UK REACH Regulation

NORD-TEST Kontrastrot U 88 Spray

Revision date: 11.10.2022 Page 13 of 13

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container SVHC: Substance of Very High Concern

Relevant H and EUH statements (number and full text)

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains Solvent red dye, Solvent red Dye. May produce an allergic reaction.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)