

Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07.

Date of issue: 08/12/2025

Reviewed on 08/12/2025

1 Identification

· **Product identifier** For Industrial, professional and consumer use

· **Trade name:** 23.5 C Craigs Gold Leaf

· **Other means of identification**

· **Article number:** 8131

· **Product Description** Surface Coating

· **Uses advised against** Not applicable

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Goldfarben Ltd

Unit 4, Matrix Court,

Middleton Grove,

Leeds, LS11 5WB,

United Kingdom

Tel +44 7885 208308

sales@goldfarben.co.uk

www.goldfarben.co.uk

· **Information department:** www.goldfarben.co.uk

· **Emergency telephone number:** +44 7885 208308

2 Hazard(s) identification

· **Classification of the substance or mixture**

Flammable liquids 3

H226 Flammable liquid and vapor.

Sensitization - respiratory 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Sensitization - skin 1

H317 May cause an allergic skin reaction.

Carcinogenicity 2

H351 Suspected of causing cancer.

Reproductive toxicity 1A

H360 May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) 3

H336 May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) 1 H372 Causes damage to organs through prolonged or repeated exposure.

· **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, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics

Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

cobalt bis(2-ethylhexanoate)

ethylbenzene

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*phthalic anhydride***· Hazard statements***Flammable liquid and vapor.**May cause allergy or asthma symptoms or breathing difficulties if inhaled.**May cause an allergic skin reaction.**Suspected of causing cancer.**May damage fertility or the unborn child.**May cause drowsiness or dizziness.**Causes damage to organs through prolonged or repeated exposure.***· Precautionary statements***Obtain special instructions before use.**Do not handle until all safety precautions have been read and understood.**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**Ground / bond container and receiving equipment.**Use explosion-proof [electrical/ventilating/lighting] equipment.**Use non-sparking tools.**Take action to prevent static discharge.**Do not breathe dust/fume/gas/mist/vapors/spray.**Wash thoroughly after handling.**Do not eat, drink or smoke when using this product.**Use only outdoors or in a well-ventilated area.**Contaminated work clothing must not be allowed out of the workplace.**Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.**[In case of inadequate ventilation] wear respiratory protection.**If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].**If inhaled: Remove person to fresh air and keep comfortable for breathing.**If exposed or concerned: Get medical advice/attention.**Call a poison center/doctor if you feel unwell.**Specific treatment (see on this label).**Get medical advice/attention if you feel unwell.**Take off contaminated clothing and wash it before reuse.**If skin irritation or rash occurs: Get medical advice/attention.**If experiencing respiratory symptoms: Call a poison center/doctor.**In case of fire: Use CO₂, powder or water spray to extinguish.**Store in a well-ventilated place. Keep container tightly closed.**Store in a well-ventilated place. Keep cool.**Store locked up.**Dispose of contents/container in accordance with local/regional/national/international regulations.***· Unknown acute toxicity:***This value refers to knowledge of known, established toxicological or ecotoxicological values.**0 % of the mixture consists of component(s) of unknown toxicity.***· Information pertaining to particular dangers for man and environment:****· Classification system:****· NFPA ratings (scale 0 - 4)***Health = 0**Fire = 3**Reactivity = 0***· WHMIS-ratings (scale 0 - 4)***Health = *0**Fire = 3**Reactivity = 0*

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- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Classification according to (d)(1)(ii) of § 1910.1200**
The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.
- **Hazards not otherwise classified**
There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

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

· **Dangerous components:**

64742-48-9	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics	10-30% *
	⚠ Flammable liquids 3, H226	
	⚠ Aspiration hazard 1, H304	
	⚠ Specific target organ toxicity (single exposure) 3, H336	
64742-82-1	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	5-10% *
	⚠ Flammable liquids 3, H226	
	⚠ Specific target organ toxicity (repeated exposure) 1, H372; Aspiration hazard 1, H304	
	⚠ Specific target organ toxicity (single exposure) 3, H336	
64742-95-6	Hydrocarbons, C9, aromatics	3-7% *
	⚠ Flammable liquids 3, H226	
	⚠ Aspiration hazard 1, H304	
	⚠ Specific target organ toxicity (single exposure) 3, H335-H336	
1330-20-7	Xylene (mix)	0.5-1.5% *
	⚠ Flammable liquids 3, H226	
	⚠ Specific target organ toxicity (repeated exposure) 2, H373; Aspiration hazard 1, H304	
	⚠ Acute toxicity - dermal 4, H312; Acute toxicity - inhalation 4, H332; Skin irritation 2, H315; Eye irritation 2A, H319; Specific target organ toxicity (single exposure) 3, H335	
	2-Pentanone oxime	0.5-1.5% *
	⚠ Acute toxicity - oral 4, H302	
	Flammable liquids 4, H227	
100-41-4	ethylbenzene	0.1-1% *
	⚠ Flammable liquids 2, H225	
	⚠ Carcinogenicity 2, H351; Specific target organ toxicity (repeated exposure) 2, H373; Aspiration hazard 1, H304	
	⚠ Acute toxicity - inhalation 4, H332	

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136-52-7	cobalt bis(2-ethylhexanoate)	0.1-1% *
	 Carcinogenicity 1B, H350; Reproductive toxicity 1A, H360  Eye irritation 2A, H319; Sensitization - skin 1A, H317	
85-44-9	phthalic anhydride	0.1-1% *
	 Sensitization - respiratory 1, H334  Eye damage 1, H318  Acute toxicity - oral 4, H302; Skin irritation 2, H315; Sensitization - skin 1, H317; Specific target organ toxicity (single exposure) 3, H335	
22464-99-9	2-ethylhexanoic acid, zirconium salt	0.1-1% *
	 Reproductive toxicity 2, H361  Skin irritation 2, H315	

* Actual concentration ranges are withheld as a trade secret.

Additional information:

The specific chemical identity of composition and exact percentage is being withheld as a trade secret. The specific chemical identity and exact percentage is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of paragraph §1910.1200.

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.· **After inhalation:**

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.· **After eye contact:** Rinse opened eye for several minutes under running water.· **After swallowing:** Do not induce vomiting; immediately call for medical help.· **Most important symptoms and effects, both acute and delayed** No further relevant information available.· **Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

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**

During heating or in case of fire poisonous gases are produced.

· **Advice for firefighters**· **Protective equipment:** Mount respiratory protective device.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

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· Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

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).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· Protective Action Criteria for Chemicals**· PAC-1:**

65997-17-3	Soda Lime Borosilicate Glass	15 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	18 mg/m ³
13463-67-7	titanium dioxide	30 mg/m ³
1330-20-7	Xylene (mix)	130 ppm
100-41-4	ethylbenzene	33 ppm
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
1309-37-1	diiron trioxide	15 mg/m ³
85-44-9	phthalic anhydride	0.005 mg/m ³
108-88-3	Toluene	67 ppm
79-09-4	propionic acid	15 ppm
556-67-2	octamethylcyclotetrasiloxane	360 mg/m ³

· PAC-2:

65997-17-3	Soda Lime Borosilicate Glass	170 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	200 ppm
13463-67-7	titanium dioxide	330 mg/m ³
1330-20-7	Xylene (mix)	920* ppm
100-41-4	ethylbenzene	1100 ppm
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
1309-37-1	diiron trioxide	360 mg/m ³
85-44-9	phthalic anhydride	260 mg/m ³
108-88-3	Toluene	560 ppm
79-09-4	propionic acid	86 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	530 mg/m ³

· PAC-3:

65997-17-3	Soda Lime Borosilicate Glass	990 mg/m ³
7631-86-9	silicon dioxide, chemically prepared	1200 ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
1330-20-7	Xylene (mix)	2500* ppm
100-41-4	ethylbenzene	1800 ppm
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm
1309-37-1	diiron trioxide	2,200 mg/m ³
85-44-9	phthalic anhydride	1600 mg/m ³
108-88-3	Toluene	3700 ppm
79-09-4	propionic acid	510 mg/m ³
556-67-2	octamethylcyclotetrasiloxane	1600 mg/m ³

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· **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.

7 Handling and storage

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Hygiene measures:

Wash hands before breaks and at the end of workday.

· **Information about protection against explosions and fires:**

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

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

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risk of fires, all contaminated materials should be [stored in purpose-built containers or in metal containers with tight-fitting self-closing lids.] or [laid out flat in a single layer to dry] or [placed in a metal container soaked with water] or [washed out well with warm soapy water before disposal.] Contaminated materials should be removed from the workplace at the end of each working day and stored outside.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep receptacle tightly sealed.

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

8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

1330-20-7 Xylene (mix)

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 655 mg/m³, 150 ppm

Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

BEI, A4

100-41-4 ethylbenzene

PEL Long-term value: 435 mg/m³, 100 ppm

REL Short-term value: 545 mg/m³, 125 ppm

Long-term value: 435 mg/m³, 100 ppm

TLV Long-term value: 20 ppm

OTO, BEI, A3

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136-52-7 cobalt bis(2-ethylhexanoate)

TLV Long-term value: 0.02* mg/m³
as Co, A3; *inhalable; DSEN; RSEN; BEI

85-44-9 phthalic anhydride

PEL Long-term value: 12 mg/m³, 2 ppm
REL Long-term value: 6 mg/m³, 1 ppm
TLV Short-term value: 0.005* mg/m³, 0.0009* ppm
Long-term value: 0.002* 0.05** mg/m³, 0.0003* ppm
A4,Skin;DSEN,RSEN,*inh&vapor;**SL: mg/100cm²

· Ingredients with biological limit values:**1330-20-7 Xylene (mix)**

BEI 0.3 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Methylhippuric acids

100-41-4 ethylbenzene

BEI 0.15 g/g creatinine
Medium: urine
Time: end of shift
Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific)

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

· **Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

· **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.
Store protective clothing separately.

· **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.

· **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.

· **Penetration time of glove material**

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

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· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state

Liquid

· Color:

Gold colored

· Odor:

Characteristic

· Odor threshold:

Not determined.

· Melting point/Melting range:

Undetermined.

· Boiling point/Boiling range:

140 °C (284 °F)

· Flammability:

Flammable.

· Explosion limits:

· Lower:

0.6 Vol %

· Upper:

6.5 Vol %

· Flash point:

29 °C (84.2 °F)

· Auto igniting:

240 °C (464 °F)

· Decomposition temperature:

Not determined.

· pH-value:

Not determined.

· Viscosity:

· Kinematic:

Not determined.

· Dynamic at 20 °C (68 °F):

320 mPas

· Solubility in / Miscibility with

· Water:

Not miscible or difficult to mix.

· Partition coefficient (n-octanol/water):

Not determined.

· Vapor pressure at 20 °C (68 °F):

2 hPa (1.5 mm Hg)

· Vapor pressure:

· Density at 20 °C (68 °F):

1.046 g/cm³ (8.729 lbs/gal)

· Relative density

Not determined.

· Vapor density

Not determined.

· Particle characteristics

Not applicable.

· Other information

· Appearance:

· Form:

Liquid

· Important information on protection of health and environment, and on safety.

· Ignition temperature:

Product is not selfigniting.

· Danger of explosion:

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· Solvent content:

· Organic solvents:

44.3 %

· VOC Content

44.32 %

463.6 g/l / 3.87 lb/gal

· Solids content:

57.7 %

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- **Change in condition**
- **Evaporation rate** Not determined.

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability** Stable under normal conditions
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

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

· **LD/LC50 values that are relevant for classification:**

ATE (Acute Toxicity Estimate)

Oral	LD50	105,548 mg/kg
Dermal	LD50	147,509 mg/kg

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritating effect.

- **Sensitization:**

Sensitization possible through inhalation.

Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

- **Interactive effects** No interactive effects between components are known.

- **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

7631-86-9	silicon dioxide, chemically prepared	3
13463-67-7	titanium dioxide	2B
1330-20-7	Xylene (mix)	3
100-41-4	ethylbenzene	2B
1309-37-1	diiron trioxide	3
136-52-7	cobalt bis(2-ethylhexanoate)	2A
108-88-3	Toluene	3

· **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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· **Alternative sources for toxicological information**

No non-standard sources for toxicological information where used.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

Acute Fish toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

LC50 9.22 mg/l

Species: *Oncorhynchus mykiss* (rainbow trout)

Exposure duration: 96 h

Acute toxicity for daphnia

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 6.14 mg/l

Species: *Daphnia magna* (Water flea)

Exposure duration: 48 h

Acute toxicity for algae

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

ErC50 2.9 mg/l

Species: *Pseudokirchneriella subcapitata* (green algae)

Exposure duration: 72 h

Acute bacterial toxicity

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

EC50 1 - 10 mg/l

Ecotoxicology Assessment

Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)

Chronic aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Data based on the safety data sheet (SDS) by the supplier.

· **Persistence and degradability** No further relevant information available.

· **Bioaccumulative potential** No further relevant information available.

· **Mobility in soil** No further relevant information available.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects**

· **Additional ecological information:**

· **General notes:**

Water danger class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Danger to drinking water if even extremely small quantities leak into the ground.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

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

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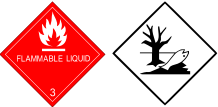

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- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· UN-Number · DOT, ADR, IMDG, IATA	UNI263
· UN proper shipping name · DOT · ADR · IMDG, IATA	Paint related material 1263 PAINT RELATED MATERIAL PAINT RELATED MATERIAL
· Transport hazard class(es) · DOT	
	
· Class · Label	3 Flammable liquids 3
· ADR, IMDG, IATA	
	
· Class · Label	3 Flammable liquids 3
· Packing group · DOT, ADR, IMDG, IATA	III
· Environmental hazards: · Marine pollutant:	Not applicable. Yes (DOT)
· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information: · DOT · Remarks:	Special marking with the symbol (fish and tree).
· ADR · Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG · Limited quantities (LQ) · Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E, S-E
· Stowage Category	A
· UN "Model Regulation":	UN 1263 PAINT RELATED MATERIAL, 3, III

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.

· **TSCA (Toxic Substances Control Act):**

65997-17-3	Soda Lime Borosilicate Glass	ACTIVE
64742-95-6	Hydrocarbons, C9, aromatics	ACTIVE
51274-00-1	Hydrated Ferrous Oxide (CI Pigment Yellow 42)	ACTIVE
7631-86-9	silicon dioxide, chemically prepared	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
1330-20-7	Xylene (mix)	ACTIVE
	2-Pentanone oxime	ACTIVE
100-41-4	ethylbenzene	ACTIVE
34590-94-8	Dipropylene glycol monomethyl ether	ACTIVE
1309-37-1	diiron trioxide	ACTIVE
136-52-7	cobalt bis(2-ethylhexanoate)	ACTIVE
85-44-9	phthalic anhydride	ACTIVE
22464-99-9	2-ethylhexanoic acid, zirconium salt	ACTIVE

· **Hazardous Air Pollutants**

1330-20-7	Xylene (mix)
100-41-4	ethylbenzene
136-52-7	cobalt bis(2-ethylhexanoate)
85-44-9	phthalic anhydride
108-88-3	Toluene

· **Proposition 65**



WARNING: This product may expose you to chemicals that are known to the State of California to cause cancer, birth defects or other reproductive harm. If present, these chemicals will be listed below. For more information, go to www.P65Warnings.ca.gov

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
100-41-4	ethylbenzene

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

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· **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.

· **New Jersey Right-to-Know List:**

13463-67-7	titanium dioxide
1330-20-7	Xylene (mix)
100-41-4	ethylbenzene
34590-94-8	Dipropylene glycol monomethyl ether
1309-37-1	diiron trioxide
85-44-9	phthalic anhydride
108-88-3	Toluene
21651-19-4	tin(II) oxide
79-09-4	propionic acid

· **New Jersey Special Hazardous Substance List:**

1330-20-7	Xylene (mix)	F3
100-41-4	ethylbenzene	CA, F3
85-44-9	phthalic anhydride	CO
108-88-3	Toluene	TE, F3
79-09-4	propionic acid	CO, F2

· **Pennsylvania Right-to-Know List:**

7631-86-9	silicon dioxide, chemically prepared
13463-67-7	titanium dioxide
1330-20-7	Xylene (mix)
100-41-4	ethylbenzene
34590-94-8	Dipropylene glycol monomethyl ether
1309-37-1	diiron trioxide
85-44-9	phthalic anhydride
108-88-3	Toluene
79-09-4	propionic acid

· **Pennsylvania Special Hazardous Substance List:**

1330-20-7	Xylene (mix)	E
100-41-4	ethylbenzene	E
85-44-9	phthalic anhydride	E
108-88-3	Toluene	E
79-09-4	propionic acid	E

· **Carcinogenicity categories**· **EPA (Environmental Protection Agency)**

1330-20-7	Xylene (mix)	I
100-41-4	ethylbenzene	D
108-88-3	Toluene	II

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· TLV (Threshold Limit Value)		
13463-67-7	titanium dioxide	A4
1330-20-7	Xylene (mix)	A4
100-41-4	ethylbenzene	A3
1309-37-1	diiron trioxide	A4
85-44-9	phthalic anhydride	A4
108-88-3	Toluene	A4

· NIOSH-Ca (National Institute for Occupational Safety and Health)		
13463-67-7	titanium dioxide	

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

· **Hazard pictograms**



· **Signal word** *Danger*

· **Hazard-determining components of labeling:**

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
 cobalt bis(2-ethylhexanoate)
 ethylbenzene
 phthalic anhydride

· **Hazard statements**

Flammable liquid and vapor.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 May cause an allergic skin reaction.
 Suspected of causing cancer.
 May damage fertility or the unborn child.
 May cause drowsiness or dizziness.
 Causes damage to organs through prolonged or repeated exposure.

· **Precautionary statements**

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 Ground / bond container and receiving equipment.
 Use explosion-proof [electrical/ventilating/lighting] equipment.
 Use non-sparking tools.
 Take action to prevent static discharge.
 Do not breathe dust/fume/gas/mist/vapors/spray.
 Wash thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 Use only outdoors or in a well-ventilated area.
 Contaminated work clothing must not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
 [In case of inadequate ventilation] wear respiratory protection.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 If inhaled: Remove person to fresh air and keep comfortable for breathing.
 IF exposed or concerned: Get medical advice/attention.

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Call a poison center/doctor if you feel unwell.
 Specific treatment (see on this label).
 Get medical advice/attention if you feel unwell.
 Take off contaminated clothing and wash it before reuse.
 If skin irritation or rash occurs: Get medical advice/attention.
 If experiencing respiratory symptoms: Call a poison center/doctor.
 In case of fire: Use CO₂, powder or water spray to extinguish.
 Store in a well-ventilated place. Keep container tightly closed.
 Store in a well-ventilated place. Keep cool.
 Store locked up.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **Technical instructions (air):**

Class	Share in %
I	0.2
NK	44.3

- **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.
 · **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:** Product safety department: LABORATORY
 · **Date of previous version** 08/12/2025
 · **Version number of previous version:** 1.25
 · **Date of preparation** 08/12/2025

· **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)
 VOC: Volatile Organic Compounds (USA, EU)
 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
 BEI: Biological Exposure Limit
 Flammable liquids 2: Flammable liquids – Category 2
 Flammable liquids 3: Flammable liquids – Category 3
 Flammable liquids 4: Flammable liquids – Category 4
 Acute toxicity - dermal 4: Acute toxicity – Category 4
 Skin irritation 2: Skin corrosion/irritation – Category 2
 Eye damage 1: Serious eye damage/eye irritation – Category 1

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Eye irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - respiratory 1: Respiratory sensitisation – Category 1
Sensitization - skin 1: Skin sensitisation – Category 1
Sensitization - skin 1A: Skin sensitisation – Category 1A
Carcinogenicity 1B: Carcinogenicity – Category 1B
Carcinogenicity 2: Carcinogenicity – Category 2
Reproductive toxicity 1A: Reproductive toxicity – Category 1A
Reproductive toxicity 2: Reproductive toxicity – Category 2
Specific target organ toxicity (single exposure) 3: Specific target organ toxicity (single exposure) – Category 3
Specific target organ toxicity (repeated exposure) 1: Specific target organ toxicity (repeated exposure) – Category 1
Specific target organ toxicity (repeated exposure) 2: Specific target organ toxicity (repeated exposure) – Category 2
Aspiration hazard 1: Aspiration hazard – Category 1

· *** Data compared to the previous version altered.**

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