



Reviewed on 08/22/2025 Printing date 08/22/2025

1 Identification

· Product identifier

Trade name: 107K0099 ACRYLIC BLACK NON-SKID

· Article number: 107K0099

· Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

NorthStar is a product of Lusid Technologies Inc

4725 S Camp Kearns Road

Kearns, UT 84118 (801) 966-5300

info@lusidtechnologies.com

· Information department: Product safety department

· Emergency telephone number:

24 Hrs Emergency Contact:

INFOTRAC 1-800-535-5053

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flammable Liquids 2

H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Germ Cell Mutagenicity 1B H340 May cause genetic defects.

Carcinogenicity 1B H350 May cause cancer.

H361 Suspected of damaging fertility or the Toxic to Reproduction 2 unborn child.

Specific Target Organ Toxicity - Repeated Exposure H373 May cause damage to the lung through prolonged or repeated exposure.



H315 Causes skin irritation. Skin Irritation 2

Sensitization - Skin 1 H317 May cause an allergic skin reaction.

- · Label elements
- · GHS label elements

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

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· Hazard pictograms







GHS02

· **Signal word** Danger

· Hazard-determining components of labeling:

Talc (Mg3H2(SiO3)4)

toluene

Stoddard solvent

Carbon black

2-butanone oxime

· Hazard statements

Highly flammable liquid and vapor.

Causes skin irritation.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

Suspected of damaging fertility or the unborn child.

May cause damage to the lung 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/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

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.

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Classification system:

NFPA ratings (scale 0 - 4)



Health = 1 Fire = 3 Reactivitv = 0

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Safety Data Sheet acc. to OSHA HCS

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· HMIS-ratings (scale 0 - 4)

HEALTH 1 Health = *1
FIRE 3 Fire = 3
REACTIVITY 0 Reactivity = 0

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

3 Composition/information on ingredients

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

· Dangerous	components:	
1330-20-7	xylene	25-50%
14807-96-6	Talc (Mg3H2(SiO3)4)	2.5-10%
64742-49-0	Naphtha (petroleum), hydrotreated light	2.5-10%
78-93-3	butanone	≤2.5%
	heptan-2-one	≤2.5%
1333-86-4	Carbon black	≤2.5%
108-88-3	toluene	≤2.5%
8052-41-3	Stoddard solvent	≤2.5%
96-29-7	2-butanone oxime	≤2.5%

4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· 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.

- · 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: If symptoms persist consult doctor.
- Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed No further relevant information available.

HEA

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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.

Special hazards arising from the substance or mixture

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

- · Advice for firefighters
- · Protective equipment: Mouth 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.

Environmental precautions:

Dilute with plenty of water.

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.

· 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.

Protective Action Criteria for Chemicals

PAC-1:		
1330-20-7	-	130 ppm
78-93-3	butanone	200 ppm
110-43-0	heptan-2-one	150 ppm
1333-86-4	Carbon black	9 mg/m³
108-88-3	toluene	67 ppm
8052-41-3	Stoddard solvent	1700 mg/m
96-29-7	2-butanone oxime	8.0 mg/m3
100-41-4	ethylbenzene	33 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	200 mg/m3
122-99-6	2-phenoxyethanol	1.5 ppm
149-57-5	2-ethylhexanoic acid	15 mg/m³
14808-60-7	Quartz (SiO2)	0.075 mg/m
57-55-6	Propylene glycol	30 mg/m³
78-83-1	butanol	150 ppm
PAC-2:		
1330-20-7	xylene	920* ppm
78-93-3	butanone	2700* ppm
110-43-0	heptan-2-one	670 ppm
1333-86-4	Carbon black	290 mg/m3
108-88-3	toluene	560 ppm
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8052-41-3	Stoddard solvent	(Contd. of page of 1800 mg/m3
96-29-7	2-butanone oxime	150 mg/m3
100-41-4	ethylbenzene	1100 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	220 mg/m3
122-99-6	2-phenoxyethanol	16 ppm
149-57-5	2-ethylhexanoic acid	99 mg/m³
14808-60-7	Quartz (SiO2)	8.3 mg/m3
57-55-6	Propylene glycol	1,300 mg/m ⁻
78-83-1	butanol	1,300 ppm
PAC-3:		
1330-20-7	xylene	2500* ppm
78-93-3	butanone	4000* ppm
110-43-0	heptan-2-one	4000* ppm
1333-86-4	Carbon black	1750 mg/m3
108-88-3	toluene	3700 ppm
8052-41-3	Stoddard solvent	20000 mg/m3
96-29-7	2-butanone oxime	880 mg/m3
100-41-4	ethylbenzene	1800 ppm
112-34-5	2-(2-butoxyethoxy)ethanol	1300 mg/m3
122-99-6	2-phenoxyethanol	97 ppm
149-57-5	2-ethylhexanoic acid	590 mg/m³
14808-60-7	Quartz (SiO2)	50 mg/m3
57-55-6	Propylene glycol	7,900 mg/m³
78-83-1	butanol	8000* ppm

7 Handling and storage

- · Handling:
- · Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· 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: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

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

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8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see section 7.
- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the remaining constituent has no known exposure limits.

1330-2	20-7 xylene	
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	
64742	-49-0 Naphtha (petroleum), hydrotreated light	
TLV	Long-term value: 100 ppm Skin, A3	
78-93-	3 butanone	
PEL	Long-term value: 590 mg/m³, 200 ppm	
REL	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm	
TLV	Short-term value: 150 ppm Long-term value: 75 ppm BEI, Skin	
110-43	3-0 heptan-2-one	
PEL	Long-term value: 465 mg/m³, 100 ppm	
REL	Long-term value: 465 mg/m³, 100 ppm	
TLV	Long-term value: 50 ppm	
1333-8	86-4 Carbon black	
PEL	Long-term value: 3.5 mg/m³	
REL	Long-term value: 3.5* mg/m³ *0.1 in presence of PAHs;See Pocket Guide Apps.A+C	
TLV	Long-term value: 3* mg/m³ *inhalable fraction, A3	
108-88	8-3 toluene	
PEL	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift	
REL	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm	
TLV	Long-term value: 20 ppm BEI, OTO, A4	
8052-4	41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm	
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min	
	*15-min	(Contd. on p

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(Contd. of page 6) Long-term value: 525 mg/m³, 100 ppm 96-29-7 2-butanone oxime WEEL Long-term value: 10 ppm DSEN Ingredients with biological limit values: 1330-20-7 xylene BEI 0.3 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids 78-93-3 butanone BEI 2 mg/L Medium: urine Time: end of shift Parameter: Methyl ethyl ketone (nonspecific) 108-88-3 toluene BEI 0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene 0.03 ma/L Medium: urine Time: end of shift Parameter: Toluene 0.3 mg/g creatinine Medium: urine

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:

Time: end of shift

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Parameter: o-Cresol with hydrolysis (background)

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

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

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

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Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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

· 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.

Eye protection:



Tightly sealed goggles

9 Ph	vsical	and	chemi	cal	proi	perti	es
<i>•••••••••••••••••••••••••••••••••••••</i>	yordui	ullu	CHCHH	oui			CC

	· Information	on basic pl	hysical and	chemical	properties
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· General Information

· Appearance:

Form: Highly viscous
Color: Black
Odor: Characteristic

· Odor threshold: Not determined.

· **pH-value:** Not determined (pH N/A in solvent coatings)

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 137-143 °C (278.6-289.4 °F)

· Flash point: -4 °C (24.8 °F)

Flammability: Highly flammable.

· Auto igniting: 500 °C (932 °F)
· Decomposition temperature: Not determined.

Ignition temperature: Product is not selfigniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/

vapor mixtures are possible.

· Explosion limits:

 Lower:
 1.1 Vol %

 Upper:
 7 Vol %

• Vapor pressure at 20 °C (68 °F): 6.7-8.2 hPa (5-6.2 mm Hg)

• **Density at 20 °C (68 °F):** 1.703 g/cm³ (14.2115 lbs/gal)

Relative density
Vapor density

Vaporation rate

Not determined.

Not determined.

Not determined.

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		(Contd. of page 8
Solubility in / Miscibility with		
Water:	Fully miscible.	
Partition coefficient (n-octano	I/water): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	40.2 %	
VOC content:	40.46 %	
	390.1 g/l / 3.26 lb/gal	
Solids content:	77.1 %	
Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- · 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	s that are re	levant for c	lassification:
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1330-20-7 xylene

Oral LD50 4,300 mg/kg (rat)

Dermal LD50 2,000 mg/kg (rabbit)

- Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: No irritating effect.
- Sensitization: Sensitization possible through skin contact.
- · Additional toxicological information:

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

Irritant

The product can cause inheritable damage.

· Carcinogenic categories

· IARC (International Agency	for Research on Cancer)	
1330-20-7 xylene		3
14807-96-6 Talc (Mg3H2(SiC	03)4)	2A

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		(Contd. of page
1333-86-4	Carbon black	2E
108-88-3	toluene	3
136-52-7	cobalt(II) 2-ethylhexanoate	2 <i>A</i>
100-41-4	ethylbenzene	2E
14808-60-7	Quartz (SiO2)	1
· NTP (Natio	nal Toxicology Program)	·
14808-60-7	Quartz (SiO2)	k
· OSHA-Ca (Occupational Safety & Health Administration)	·
None of the	ingredients is listed.	

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

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

Do not allow product to reach ground water, water course or sewage system.

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

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

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

- Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agent: Water, if necessary with cleansing agents.

UN-Number		
DOT, IMDG, IATA	UN1263	
UN proper shipping name		
DOT	Paint	
IMDG, IATA	PAINT	

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· Transport hazard class(es)

· DOT



3 Flammable liquids · Class

·Label

· IMDG, IATA



· Class 3 Flammable liquids

·Label

· Packing group · DOT, IMDG, IATA II

· Environmental hazards:

· Marine pollutant: No

· Special precautions for user Warning: Flammable liquids

· Hazard identification number (Kemler code): 33 · EMS Number: F-E,S-E Stowage Category В

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

· Transport/Additional information:

Quantity limitations On passenger aircraft/rail: 5 L

On cargo aircraft only: 60 L

· IMDG

· 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

· UN "Model Regulation": UN 1263 PAINT, 3, II

15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture · Sara
- · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings):

1330-20-7 xylene

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100.55.5		(Contd. of page
108-88-3		
	cobalt(II) 2-ethylhexanoate	
	ethylbenzene	
	2-(2-butoxyethoxy)ethanol	
	2-phenoxyethanol	
-	ic Substances Control Act):	
1330-20-7	*	ACTIV
	Talc (Mg3H2(SiO3)4)	ACTIV
78-93-3	butanone	ACTIV
110-43-0	heptan-2-one	ACTIV
1333-86-4	Carbon black	ACTIV
108-88-3	toluene	ACTIV
8052-41-3	Stoddard solvent	ACTIV
96-29-7	2-butanone oxime	ACTIV
136-52-7	cobalt(II) 2-ethylhexanoate	ACTIV
100-41-4	ethylbenzene	ACTIV
64742-95-6	Solvent naphtha (petroleum), light arom.	ACTIV
112-34-5	2-(2-butoxyethoxy)ethanol	ACTIV
122-99-6	2-phenoxyethanol	ACTIV
149-57-5	2-ethylhexanoic acid	ACTIV
14808-60-7	Quartz (SiO2)	ACTIV
57-55-6	Propylene glycol	ACTIV
78-83-1	butanol	ACTIV
Hazardous	Air Pollutants	<u> </u>
1330-20-7	xylene	
108-88-3	toluene	
136-52-7	cobalt(II) 2-ethylhexanoate	
100-41-4	ethylbenzene	
Proposition	n 65	
Chemicals	known to cause cancer:	
1333-86-4	Carbon black	
100-41-4	ethylbenzene	
14808-60-7	Quartz (SiO2)	
Chemicals	known to cause reproductive toxicity for females:	
	ingredients is listed.	
	known to cause reproductive toxicity for males:	
	ingredients is listed.	
None of the	known to cause developmental toxicity:	
None of the	known to cause developmental toxicity:	
None of the Chemicals 108-88-3 to	pluene	
None of the Chemicals 108-88-3 to Carcinogen	<u> </u>	
None of the Chemicals 108-88-3 to Carcinogen	nic categories ronmental Protection Agency)	

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		(Contd. of page 12)
108-88-3	toluene	11
100-41-4	ethylbenzene	D
· TLV (Threshold Limit Value)		
1330-20-7	xylene	A4
14807-96-6	Talc (Mg3H2(SiO3)4)	A4
1333-86-4	Carbon black	A4
108-88-3	toluene	A4
100-41-4	ethylbenzene	A3
14808-60-7	Quartz (SiO2)	A2
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
1333-86-4	Carbon black	
14808-60-7	Quartz (SiO2)	

· 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:

Talc (Mg3H2(SiO3)4)

toluene

Stoddard solvent

Carbon black

2-butanone oxime

· Hazard statements

Highly flammable liquid and vapor.

Causes skin irritation.

May cause an allergic skin reaction.

May cause genetic defects.

May cause cancer.

Suspected of damaging fertility or the unborn child.

May cause damage to the lung 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/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof electrical/ventilating/lighting/equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

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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.

Wash contaminated clothing before reuse.

In case of fire: Use CO2, powder or water spray to extinguish.

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:
- · Information about limitation of use:

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

· 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: Environment protection department.
- · Contact: Product Safety Dept.
- · Date of preparation / last revision 08/22/2025 / 7
- · Abbreviations and acronyms:

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

Skin Irritation 2: Skin corrosion/irritation – Category 2

Sensitization - Skin 1: Skin sensitisation - Category 1

Germ Cell Mutagenicity 1B: Germ cell mutagenicity - Category 1B

Carcinogenicity 1B: Carcinogenicity - Category 1B

Toxic to Reproduction 2: Reproductive toxicity - Category 2

Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Category 2

* Data compared to the previous version altered.