

Printing date 12/09/2020 Reviewed on 12/09/2020

1 Identification

- · Product identifier
- · Trade name: Blitz All Purpose Cleaner
- · Article number: 151597
- · Application of the substance / the mixture All-purpose cleaner
- · Details of the supplier of the safety data sheet ·

Manufacturer/Supplier:

Nextzett GmbH

An der Höhe 15

D-51674 Wiehl-Marienhagen

Deutschland

Tel: +49 2261 6095433 *Fax:* +49 2261 6095429

Email: info@nextzett.de / www.nextzett.de

- · Information department: Chemtel
- · Emergency telephone number: +1-800-255-3924 (USA and Canada)

2 Hazard(s) identification

· Classification of the substance or mixture



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 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).

Hazard pictograms







GHS05

GHS07

S07 GHS08

- · Signal word Danger
- · Hazard-determining components of labeling:

Benzenesulfonic acid, 4-C10-C13 sec. Alkyl derivatives, compound with triethanolamine Turpentine, oil1,2-benzisothiazol-3(2H)-one

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· Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing cancer.

· Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash hands thoroughly after handling.

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

protective gloves / eye protection / face protection.

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

skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention. Wash

contaminated clothing before reuse.

Store locked up.

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

Classification system:

· NFPA ratings (scale 0 - 4)



Health = 3Fire = 0Reactivity = 0

· HMIS-ratings (scale 0 - 4)



*3 *Health* = *3

- · 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:		
CAS: 57-13-6	urea	>2.5-≤10%
	Benzolsulfonsäure, 4-C10-C13 sek. Alkylderivate, Verbindung mit Triethanolamin	≥3-≤10%
CAS: 111-90-0	Diethylene glycol monoethyl ether	>2.5-≤10%
CAS: 57-55-6	Propylene glycol	≤2.5%
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		Contd. of page 2)
CAS: 67-63-0	propan-2-ol	≤2.5%
CAS: 68891-38-3	Lineares (C12-14) Alcohol, ethoxyliert, sulfatiert, Natriumsalz	≤2.5%
CAS: 68603-42-9	coconut oil diethanolamine condensate Alternative CAS numbers: 68155-07-7, 8051-30-7	≥0.1-≤2.5%
CAS: 8006-64-2	Turpentine, oil	≥0.1-<1%
· Verordnung (EG) Nr. 648/2004 über Detergenzien / Kennzeichnung der Inhaltsstoffe		
anionic surfactants ≥5 - <15%		
phosphates, soap, amphoteric surfactants, non-ionic surfactants <5%		
perfumes (D-LIMONENE), preservation agents (pyridine-2-thiol 1-oxide, sodium salt, BENZISOTHIAZOLINONE)		

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.

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor. · 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.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- · Special hazards arising from the substance or mixture No further relevant information available. · Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- · Personal precautions, protective equipment and emergency procedures 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). Use neutralizing agent.

Dispose contaminated material as waste according to item 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.

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•	disposal information.	(Contd. of page
· Protective Action · PAC-1:	Criteria for Chemicals	
CAS: 57-13-6	urea	30 mg/m^3
CAS: 111-90-0	Diethylene glycol monoethyl ether	75 ppm
CAS: 7320-34-5	tetrapotassium pyrophosphate	61 mg/m^3
CAS: 57-55-6	Propylene glycol	30 mg/m^3
CAS: 67-63-0	propan-2-ol	400 ppm
CAS: 68915-31-1	polyphosphoric acids, sodium salts	9.2 mg/m ³
CAS: 102-71-6	Triethanolamine	15 mg/m³
CAS: 1310-58-3	potassium hydroxide	0.18 mg/n
CAS: 8006-64-2	Turpentine, oil	60 ppm
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	15 ppm
CAS: 111-42-2	2,2'-iminodiethanol	3 mg/m³
· PAC-2:		
CAS: 57-13-6	urea	280 mg/m^3
CAS: 111-90-0	Diethylene glycol monoethyl ether	100 ppm
CAS: 7320-34-5	tetrapotassium pyrophosphate	680 mg/m³
CAS: 57-55-6	Propylene glycol	1,300 mg/m
CAS: 67-63-0	propan-2-ol	2000* ppm
CAS: 68915-31-1	polyphosphoric acids, sodium salts	100 mg/m^3
CAS: 102-71-6	Triethanolamine	240 mg/m³
CAS: 1310-58-3	potassium hydroxide	2 mg/m³
CAS: 8006-64-2	Turpentine, oil	120 ppm
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	67 ppm
CAS: 111-42-2	2,2'-iminodiethanol	28 mg/m³
· <i>PAC-3</i> :		*
CAS: 57-13-6	urea	$1,700 \text{ mg/m}^3$
CAS: 111-90-0	Diethylene glycol monoethyl ether	450 ppm
CAS: 7320-34-5	tetrapotassium pyrophosphate	1,200 mg/m³
CAS: 57-55-6	Propylene glycol	7,900 mg/m³
CAS: 67-63-0	propan-2-ol	12000** ppr
CAS: 68915-31-1	polyphosphoric acids, sodium salts	600 mg/m³
CAS: 102-71-6	Triethanolamine	$1,500~{ m mg/m^3}$
CAS: 1310-58-3	potassium hydroxide	54 mg/m³
CAS: 8006-64-2	Turpentine, oil	1,500 ppm
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	170 ppm
CAS: 111-42-2	2,2'-iminodiethanol	130 mg/m³



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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 respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Storage class: 12
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

- · Additional information about design of technical systems: No further data; see item 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 other constituents have no known exposure limits.

At this time, the other constituents have no known exposure timus.				
CAS: 57-13-6 urea				
WEEL Long-term value: 10 mg/m³				
CAS: 111-90-0 Diethylene glycol monoethyl ether				
WEEL Long-term value: 25 ppm				
CAS: 57-55-6 Propylene glycol				
WEEL Long-term value: 10 mg/m³				
CAS: 67-63-0 propan-2-ol				
PEL Long-term value: 980 mg/m³, 400 ppm				
REL Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm				
TLV Short-term value: 984 mg/m³, 400 ppm Long-term value: 492 mg/m³, 200 ppm BEI				
CAS: 8006-64-2 Turpentine, oil				
PEL Long-term value: 560 mg/m³, 100 ppm				
REL Long-term value: 560 mg/m³, 100 ppm				
TLV Long-term value: 112 mg/m³, 20 ppm DSEN				
· Ingredients with biological limit values:				
CAS: 67-63-0 propan-2-ol				
BEI 40 mg/L Medium: urine				

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

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

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

Suitable chemical resistent protective gloves (EN374) also at prolonged, direct contact (recommended protection index 6, corresponding 480 minutes permeation time according to EN 374) e.g. from Nitrilkautschuk (0,33-0,5 mm) Polyvinylchlorid (1mm).

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

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

· Body protection: Protective work clothing

9 Physical and chemical properties

· Information on basic physical and chemical properties

General Information

Appearance:

Form: Fluid
Color: Light blue
Odor: Pleasant
Odor threshold: Not determined.

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pH-value at 20 °C (68 °F):	8.3	
Change in condition		
Melting point/Melting range:	4 °C (39.2 °F)	
Boiling point/Boiling range:	100 °C (212 °F)	
Flash point:	Not applicable.	
Flammability (solid, gaseous):	Not applicable.	
Decomposition temperature:	Not determined.	
· Auto igniting:	Product is not selfigniting.	
Danger of explosion:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)	
Density at 20 °C (68 °F):	1.06 g/cm³ (8.8457 lbs/gal)	
Relative density	Not determined.	
Vapor density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
Water:	Fully miscible.	
Partition coefficient (n-octanol/wate	r): Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Organic solvents:	7.2 %	
VOC content:	7.21 %	
	76.5 g/l / 0.64 lb/gal	
Solids content:	18.7 %	
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.

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11 Toxicological information

	· Information on toxicological effects · Acute toxicity:			
· LD/LC50 1	· LD/LC50 values that are relevant for classification:			
ATE (Acute	ATE (Acute Toxicity Estimate)			
Oral	LD50	>80,000 mg/kg (mouse)		
Inhalative	LC50/4 h	2,000 mg/l (rat)		
CAS: 57-1	CAS: 57-13-6 urea			
Oral	LD50	8,471 mg/kg (rat)		
CAS: 111-	90-0 Dieth	ylene glycol monoethyl ether		
Oral	LD50	5,500 mg/kg (rat)		
Dermal	LD50	8,500 mg/kg (rabbit)		
CAS: 57-5	CAS: 57-55-6 Propylene glycol			
Oral	LD50	22,000 mg/kg (rat)		
Dermal	Dermal LD50 20,800 mg/kg (rabbit)			
CAS: 67-6	CAS: 67-63-0 propan-2-ol			
Oral	LD50	5,045 mg/kg (rat)		
Dermal	LD50	12,800 mg/kg (rabbit)		

- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: Strong irritant with the danger of severe eye injury. ·

Sensitization: Sensitization possible through skin contact.

· Additional toxicological information:

Inhalative LC50/4 h 30 mg/l (rat)

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

Irritant

· Carcinogenic categories

· IARC (Internation	al Agency for Research on Cancer)	
CAS: 67-63-0	propan-2-ol	3
CAS: 102-71-6	Triethanolamine	3
CAS: 68603-42-9	coconut oil diethanolamine condensate	2B
CAS: 5989-27-5	(R)-p-mentha-1,8-diene	3
CAS: 111-42-2	2,2'-iminodiethanol	2B
CAS: 128-37-0	Butylated hydroxytoluene	3
	Triphenylmethan-Farbstoff, Dihydrogen(ethyl)[4-[4-[ethyl(3-sulfonatobenzyl)]amino]-2'-sulfonatobenzhydryliden]cyclohexa-2,5-dien-1-yliden](3-sulfonatobenzyl)ammonium, Dinatriumsalz	3

· NTP (National Toxicology Program)

None of the ingredients is listed.

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· 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

The surfactants contained in the product correspond to the legislation on the environmental compatibility of detergents and are biodegradable.

- · 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 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

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	not regulated	
· UN proper shipping name		
DOT, IMDG, IATA	not regulated	
· Transport hazard class(es)		
DOT, ADN, IMDG, IATA		
Class	not regulated	
Packing group		
DOT, IMDG, IATA	not regulated	
Environmental hazards:	Not applicable.	
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• Special precautions for user Not applicable.
• Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

· UN "Model Regulation": not regulated

15 Regulatory information

CAS: 5989-27-5

CAS: 3811-73-2

CAS: 111-42-2

CAS: 2634-33-5

CAS: 128-37-0

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

2,2'-iminodiethanol

CAS: 68039-49-6 2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde

Butylated hydroxytoluene

1,2-benzisothiazol-3(2H)-one

pyridine-2-thiol 1-oxide, sodium salt

CAS: 60376-08-1 Trikaliumhydrogen (1-Hydroxyethyliden) bisphosphonat

CAS: 14860-53-8 tetrapotassium (1-hydroxyethylidene)bisphosphonate

further relevant in	nd environmental regulations/legislation specific for the substance or mixture No formation available.	
· Sara · Section 355 (extr	emely hazardous substances):	
None of the ingred	•	
	cific toxic chemical listings):	
	Diethylene glycol monoethyl ether	
	propan-2-ol	
	2,2'-iminodiethanol	
	bstances Control Act):	
CAS: 7732-18-5	water, distilled, conductivity or of similar purity	ACTIV
CAS: 57-13-6	urea	ACTIV
CAS: 111-90-0	Diethylene glycol monoethyl ether	ACTIV
CAS: 7320-34-5	tetrapotassium pyrophosphate	ACTIV
CAS: 57-55-6	Propylene glycol	ACTIV
CAS: 67-63-0	propan-2-ol	ACTIV
CAS: 68915-31-	polyphosphoric acids, sodium salts	ACTIV
	Lineares (C12-14) Alcohol, ethoxyliert, sulfatiert, Natriumsalz	ACTIV
CAS: 143-18-0	potassium (Z)-oleate	ACTIV
CAS: 102-71-6	Triethanolamine	ACTIV
CAS: 68603-42-	coconut oil diethanolamine condensate	ACTIV
CAS: 1310-58-3	potassium hydroxide	ACTIV
CAS: 8006-64-2	Turpentine, oil	ACTIV
CAS: 68155-78-	Heptanatriumtrihydrogen[[bis[2-[bis(phosphonatomethyl)amino]ethyl]amino] methyl]phosphonat	ACTIV
CAS: 7647-14-5	sodium chloride	ACTIV

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ACTIVE

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CAS: 1222-05-5 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran ACTIV			
CAS: 3844-45-9 Triphenylmethan-Farbstoff, Dihydrogen(ethyl)[4-[4-[ethyl(3-sulfonatobenzyl)]amino]-2'-sulfonatobenzhydryliden]cyclohexa-2,5-dien-1-yliden](3-sulfonatobenzyl)ammonium, Dinatriumsalz			
CAS: 68551-13-3	Alcohols, C12-15, ethoxylated propoxylated	ACTIVE	
· Hazardous Air Po	llutants		
CAS: 111-42-2 2,	2'-iminodiethanol		
· Proposition 65			
· Chemicals known to cause cancer:			
CAS: 68603-42-9 coconut oil diethanolamine condensate			
CAS: 111-42-2 2,2'-iminodiethanol			
· Chemicals known	n to cause reproductive toxicity for females:		
None of the ingredie	ents is listed.		
· 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.			

· Carcinogenic categories

· EPA (Environmental Protection Agency)		
CAS: 57-13-6	urea	II
· TLV (Threshol	d Limit Value established by ACGIH)	7-8
CAS: 67-63-0	propan-2-ol	A4
CAS: 111-42-2	2,2'-iminodiethanol	A3
CAS: 128-37-0	Butylated hydroxytoluene	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)		

None of the ingredients is listed.

· GHS label elements

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

Hazard pictograms







GHS05

GHS07 GHS08

· Signal word Danger

· Hazard-determining components of labeling:

Benzenesulfonic acid, 4-C10-C13 sec. Alkyl derivatives, compound with triethanolamine Turpentine, oil

1,2-benzisothiazol-3(2H)-one

· Hazard statements

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing cancer.

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· Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash hands thoroughly after handling.

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

protective gloves / eye protection / face protection.

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

on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

IF exposed or concerned: Get medical advice/attention.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Wash contaminated clothing before reuse.

Store locked up.

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

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.

· Contact:

· Date of preparation / last revision 12/09/2020 / -

· Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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

Skin Irrit. 2: Skin corrosion/irritation - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Skin Sens. 1: Skin sensitisation - Category 1

Carc. 2: Carcinogenicity - Category 2

* Data compared to the previous version altered.

US