Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

* 1 Identification

· **Product Identifier**

· **Trade Name: Green Plus+ Soap**

· **Relevant identified uses of the substance or mixture and uses advised against:**
Green Plus+ Soap is great for wash bays to clean grease off of everyday tools, shop floors and vehicles in shops. Caution: After use of Green Plus+ Soap on black rubber/plastic, you'll need to use water to rinse product off. If not, rubber/plastic may discolor and/or turn material white. If material turns white, use a shop rag with water and simply wipe down material and let area dry. Repeat this step if you still have discoloring on desired area.

· **Product Description:** Mild alkaline cleaner.

· **Details of the Supplier of the Safety Data Sheet:**

· **Manufacturer/Supplier:**
ChemTrue LLC
P.O. Box 3741
Sparks, NV 89432
(757) 737-9700
chemtruenv@gmail.com

· **Emergency telephone number:** (775) 636-1133

2 Hazard(s) Identification

· **Classification of the substance or mixture:**

Corrosion

Skin Corrosion 1A	H314 Causes severe skin burns and eye damage.
Eye Damage 1	H318 Causes serious eye damage.

Acute Toxicity - Oral 4 H302 Harmful if swallowed.

· **Label elements:**

· **Hazard pictograms:**

· **Signal word:** Danger

· **Hazard-determining components of labeling:**
Proprietary
Sodium Hydroxide

· **Hazard statements:**
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

· **Precautionary statements:**

P260	Do not breathe dusts or mists.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.

(Contd. on page 2)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P321 Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 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.
· ***Classification system:*** NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
· ***NFPA ratings (scale 0 - 4)***

Health = 3
Fire = 0
Reactivity = 0

· ***HMIS-ratings (scale 0 - 4)***

Health = 3
Fire = 0
Physical Hazard = 0

· ***Hazard(s) not otherwise classified (HNOC):*** None known

*
3 Composition/Information on Ingredients

· ***Non-hazardous components:***		
7732-18-5	Water, distilled water, deionized water	60-90%
	Proprietary	2-12%

· ***Chemical characterization: Substance***
· ***Description:*** Mixture of substances listed below with non-hazardous additions.

· ***Dangerous Components:***		
	Proprietary Skin Corrosion 1B, H314; Acute Toxicity - Oral 4, H302; Specific Target Organ Toxicity - Single Exposure 3, H335	≤2.5%
	Proprietary Acute Toxicity - Dermal 3, H311; Acute Toxicity - Oral 4, H302; Acute Toxicity - Inhalation 4, H332; Skin Irritation 2, H315; Eye Irritation 2A, H319; Flammable Liquids 4, H227	≤2.5%
1310-73-2	Sodium Hydroxide Skin Corrosion 1A, H314; Acute Toxicity - Oral 4, H302 Specific concentration limits: Skin Corrosion 1A; H314: C ≥ 5 % Skin Corrosion 1B; H314: 2 % ≤ C < 5 % Skin Irritation 2; H315: 0.5 % ≤ C < 2 % Eye Irritation 2; H319: 0.5 % ≤ C < 2 %	≤2.5%
	Proprietary Acute Toxicity - Inhalation 3, H331; Acute Toxicity - Oral 4, H302; Skin Irritation 2, H315; Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H335; Flammable Liquids 4, H227	≤2.5%

(Contd. on page 3)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· **Additional information:**
The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4 First-Aid Measures

· **Description of first aid measures**
· **After inhalation:**
Give oxygen or artificial respiration if needed. If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.
· **After skin contact:**
Take off contaminated clothing and shoes immediately. Promptly flush skin with water for at least 15 minutes to ensure all chemical is removed. If reddening develops and/or persists, obtain medical attention. Show this Safety Data Sheet to the attending physician.
· **After eye contact:**
Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. Continue rinsing eyes during transport to hospital. Show this Safety Data Sheet to the attanding physician.
· **After swallowing:**
Rinse mouth with water. Give 3-4 glasses of water or milk to dilute stomach contents. Do NOT induce vomiting. If vomiting occurs, give more water or milk. Never give anything by mouth to an unconscious person. Get immediate medical attention. Show this Safety Data Sheet to the attanding physician.
· **Information for doctor**
· **Most important symptoms and effects, both acute and delayed:**
The most important known symptoms and effects are described in the labelling (see Section 2) and/or Section 11.
· **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

* 5 Fire-Fighting Measures

· **Extinguishing media**
· **Suitable extinguishing agents:** Water Spray, Carbon Dioxide, Alcohol-Resistant Foam, Dry Chemical.
· **For safety reasons unsuitable extinguishing agents:** No further relevant information.
· **Special hazards arising from the substance or mixture:**
Carbon Oxides, Phosphorus Oxides, Silicon Oxides, Sodium Oxides, and Sulfur Oxides.
· **Advice for firefighters**
· **Special protective equipment for firefighters:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.
· **Additional information:**
If incinerated, may release toxic fumes.
Do NOT use high volume water jet to extinguish fire, as the force of the water jet may cause fire to spread.
Use water spray to cool unopened containers.
See Section 7 for more information on safe handling.
See Section 8 for more information on personal protection equipment.
See Section 13 for disposal information.

* 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures:**
Use personal protective equipment.
Keep from contacting skin or eyes.
Avoid breathing vapors, mist or gas.
Ensure adequate ventilation.
Evacuate personnel to safe areas.

(Contd. on page 4)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· ***Environmental precautions:***
Prevent further release (leakage/spillage) if safe to do so.
Do not allow product to enter drains.
Do not allow to drain to environment.
· ***Methods and material for containment and cleaning up:***
Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust).
Neutralizing agent like Sodium Bicarbonate may also be used to absorb/neutralize any spilled material.
Place contaminated material into suitable, closed containers for disposal.
Dispose of contaminated material according to Section 13.
After spillage has been collected, area may be flushed with water or wet-brushed.
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.

· ***PAC-1:***		
	Proprietary	0.61 mg/m³
	Proprietary	3.8 mg/m³
	Proprietary	60 ppm
1310-73-2	Sodium Hydroxide	0.5 mg/m³
	Proprietary	43 mg/m³
	Proprietary	2.1 mg/m³

· ***PAC-2:***		
	Proprietary	6.8 mg/m³
	Proprietary	42 mg/m³
	Proprietary	120 ppm
1310-73-2	Sodium Hydroxide	5 mg/m³
	Proprietary	470 mg/m³
	Proprietary	23 mg/m³

· ***PAC-3:***		
	Proprietary	620 mg/m³
	Proprietary	250 mg/m³
	Proprietary	700 ppm
1310-73-2	Sodium Hydroxide	50 mg/m³
	Proprietary	5,400 mg/m³
	Proprietary	87 mg/m³

*
7 Handling and Storage

· ***Handling***
· ***Precautions for safe handling:***
Use personal protective equipment.
Avoid breathing vapors or mist.
Avoid contact with eyes, skin, or clothing.
Use approved, original containers only.
Keep containers closed when not in use.
Do not expose containers to open flame, excessive heat, or direct sunlight.
Do not puncture or drop containers.
Handle with care and avoid spillage on the floor.
Keep material out of reach of children.

(Contd. on page 5)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

Keep material away from incompatible materials.
Wash thoroughly after handling.
Ensure adequate ventillation.

· ***Information about protection against explosions and fires:*** No special measures required.

· ***Conditions for safe storage, including any incompatibilities***
Keep away from heat, sparks and flames.
Do not store in direct sunlight.
Store away from strong acids, strong bases, strong reducing agents, strong oxidizing agents and galvanized surfaces.

· ***Storage***

· ***Requirements to be met by storerooms and receptacles:*** No further relevant information.

· ***Information about storage in one common storage facility:*** No further relevant information.

· ***Further information about storage conditions:*** No further relevant information.

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

* 8 Exposure Controls/Personal Protection

· ***Additional information about design of technical systems:*** No further data; see section 7.

· ***Control parameters:***
All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

· ***Components with occupational exposure limits:***
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.

Proprietary	
PEL	Long-term value: 240 mg/m³, 50 ppm Skin
REL	Long-term value: 24 mg/m³, 5 ppm Skin
TLV	Long-term value: 20 ppm BEI, A3
1310-73-2 Sodium Hydroxide	
PEL	Long-term value: 2 mg/m³
REL	Ceiling limit value: 2 mg/m³
TLV	Ceiling limit value: 2 mg/m³

· ***Ingredients with biological limit values:***

Proprietary	
BEI	200 mg/g creatinine urine end of shift Butoxyacetic acid (BAA) (with hydrolysis)

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

· ***Exposure controls:***

· ***Personal protective equipment***

· ***General protective and hygienic measures:***
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.

(Contd. on page 6)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.

· **Breathing equipment:** Not required.
· **Protection of hands:**

Protective gloves

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

· **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 cannot 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 determined and observed by the manufacturer of the protective gloves.
· **Eye protection:**

Safety glasses

· **Body protection:** Not required.
· **Limitation and supervision of exposure into the environment:** None

* 9 Physical and Chemical Properties

· **Information on basic physical and chemical properties**
· **General Information**
· **Appearance:**

Form:	Liquid
Color:	Clear, light amber liquid
· **Odor:**	Mild
· **Odor threshold:**	Not determined.
· **pH-value @ 20 °C (68 °F):**	9.0-11.0
· **Change in condition**	
Melting point/Melting range:	Not determined.
· **Flash point:**	None
· **Flammability (solid, gaseous):**	Product is not flammable.
· **Ignition temperature:**	Not applicable
· **Decomposition temperature:**	Not determined.
· **Auto igniting:**	Product is not self-igniting.
· **Danger of explosion:**	Product does not present an explosion hazard.
· **Explosion limits:**	
Lower:	Not determined.
Upper:	Not determined.

(Contd. on page 7)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· **Vapor pressure @ 20 °C (68 °F):** ≤23 hPa (≤17.3 mm Hg)
· **Density @ 20 °C (68 °F):** 1.043 g/cm³ (8.7038 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/water):** Not determined.
· **Viscosity:**
Dynamic: Not determined.
Kinematic: Not determined.
· **Solvent content:**
Organic solvents: 1.57 %
VOC content: 1.57 %
· **Other information:** No further relevant information available.

10 Stability and Reactivity

· **Reactivity:** No further relevant information available.
· **Chemical stability:** Product is 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:**
Strong acids, strong oxidizing agents, strong reducing agents, organic materials, water, chlorinated solvents, reactive metals (Zinc & Aluminum) and their alloys (Brass), Copper and its alloys, Alkali metals (Lithium, Sodium, Potassium, etc.), Tin & Tin oxides, Lead, Phosphorous & Phosphorous Pentoxide, Nitro compounds (Nitromethane, etc.) Azides, Anhydrides and Phenols.
· **Hazardous decomposition products:**
Carbon Oxides, Phosphorus Oxides, Sodium Oxides and Sulfur Oxides.

* 11 Toxicological Information

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

· **LD/LC50 values that are relevant for classification:**		
Proprietary		
Oral	LD50	1,280 mg/kg (Rat)
Proprietary		
Oral	LD50	1,200 mg/kg (ATE)
		470 mg/kg (Rat)
Dermal	LD50	220 mg/kg (rab)
Inhalative	LC50/4 h	2,174.91 mg/l (Rat)
1310-73-2 Sodium Hydroxide		
Oral	LD50	2,000 mg/kg (Rat)
Proprietary		
Oral	LD50	438 mg/kg (Rat)

(Contd. on page 8)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· ***Primary irritant effect:***
· ***On the skin:*** Strong caustic effect on skin and mucous membranes.
· ***On the eye:***
Strong irritant with the danger of severe eye injury.
Causes serious eye irritation.
· ***Additional toxicological information:***
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Corrosive
Swallowing will lead to a corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· ***Carcinogenic categories:***

· ***IARC (International Agency for Research on Cancer):***	
Proprietary	3

· ***NTP (National Toxicology Program):***
None of the ingredients are listed.

· ***OSHA-Ca (Occupational Safety & Health Administration):***
None of the ingredients are listed.

* 12 Ecological Information

· ***Toxicity:***

· ***Aquatic toxicity:***	
Proprietary	
EC50	247 mg/l (Water flea)
Proprietary	
EC50	1,815 mg/l (Water flea)
1310-73-2 Sodium Hydroxide	
EC50	40 mg/l (Daphnia)

· ***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:*** 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 waste. Do not allow product to reach sewage system.
Observe all federal, state and local environmental regulations when disposing of this material.

· ***Uncleaned packaging***
· ***Recommendation:*** Disposal must be made according to official regulations.

(Contd. on page 9)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

* 14 Transport Information

· **UN-Number:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **UN proper shipping name:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **Transport hazard class(es):**

· **DOT, ADR/ADN, ADN, IMDG, IATA**
· **Class:** Non-Regulated Material
· **Packing group:**
· **DOT, ADR/ADN, IMDG, IATA** Non-Regulated Material
· **Environmental hazards:** Not applicable.
· **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":** Non-Regulated Material

* 15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
No further relevant information available.
· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**
Proprietary
Proprietary
Proprietary

· **TSCA (Toxic Substances Control Act):**
All components have the value ACTIVE.

· **Hazardous Air Pollutants**
None of the ingredients are listed.

· **California Proposition 65:**

· **Chemicals known to cause cancer:**
None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**
None of the ingredients are listed.

· **New Jersey Right-to-Know List:**	
	Proprietary
1310-73-2	Sodium Hydroxide
	Proprietary

(Contd. on page 10)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 Reviewed on 08/09/2022

Trade Name: Green Plus+ Soap

· **New Jersey Special Hazardous Substance List:**		
	Proprietary	CA, F2
1310-73-2	Sodium Hydroxide	CO, R1

· **Pennsylvania Right-to-Know List:**	
	Proprietary
	Proprietary
1310-73-2	Sodium Hydroxide

· **Pennsylvania Special Hazardous Substance List:**		
	Proprietary	E
1310-73-2	Sodium Hydroxide	E

· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**	
Proprietary	NL

· **TLV (Threshold Limit Value established by ACGIH):**	
Proprietary	A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**
None of the ingredients are listed.

· **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:**
Proprietary
Sodium Hydroxide
· **Hazard statements:**
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
· **Precautionary statements:**

P260	Do not breathe dusts or mists.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.
P301+P330+P331	If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a poison center/doctor.
P321	Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
P363	Wash contaminated clothing before reuse.

(Contd. on page 11)

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2012 and GHS Rev 03.

Issue date 08/09/2022 *Reviewed on 08/09/2022*

Trade Name: Green Plus+ Soap

P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

· ***National regulations:***

The product is not subject to be labelled according with the prevailing version of the regulations on hazardous substances.

· ***Chemical safety assessment:*** A Chemical Safety Assessment has not been carried out.

16 Other Information

· ***Relevant phrases:***

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material in any process. The information set forth herein is furnished free of charge and is based on technical data that ChemTrue LLC believes to be reliable. It is intended for use by persons having technical skill and at their own discretion and risk. Since conditions of use are outside of ChemTrue LLC's control, ChemTrue LLC makes no warranties, expressed or implied, and assumes no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under, or a recommendation to infringe upon, any patents.

· ***Contact:***

· ***Abbreviations and acronyms:***

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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 and Health
OSHA: Occupational Safety & Health Administration
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Flammable Liquids 4: Flammable liquids – Category 4
Acute Toxicity - Oral 4: Acute toxicity – Category 4
Acute Toxicity - Dermal 3: Acute toxicity – Category 3
Skin Corrosion 1A: Skin corrosion/irritation – Category 1A
Skin Corrosion 1B: Skin corrosion/irritation – Category 1B
Skin Irritation 2: Skin corrosion/irritation – Category 2
Eye Damage 1: Serious eye damage/eye irritation – Category 1
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3

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

SDS created by MSDS Authoring Services www.msdsauthoring.com +1-877-204-9106