TIRE PLASMA

Material Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of Issue: 29/05/2023 | Version: 1.5 | DG-MWH-006-01_Rev.D ENGLISH

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

1.1. Product Identifier

- **Product Form:** Mixture - F1
- **Product Name:** Tire Plasma Tubeless Sealant

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

1.2.1. Relevant identified uses

- Use of the substance/mixture.
- Inside Tubeless bicycle tires or inside bicycle inner tubes.

1.2.2. Uses advised against

- No additional information is available.

1.3. Details of the supplier of the safety data sheet

Company	Contact		
The Hive Global, Inc., No. 7, Jingke 7th Rd., Nantun Dist. Taichung City 408018, Taiwan	**e*thirteen Europe GmbH** Klosterstraße 6 83278 Traunstein, Germany	**e*thirteen UK Ltd** 2 Lowdham Street Nottingham NG3 2DP UK	**Perigeum Development, Inc** 1445 Techn. Ln, Suite A9 Petaluma, CA 94954 United States

1.4. Emergency telephone number

Manufacturer emergency number: +886-4-2470 0156

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

- **Classification According to Regulation (EC) No. 1272/2008 [CLP]:** Not classified
- **Adverse physicochemical, human health, and environmental effects**: No additional information is available.

2.2. Label elements

- **Labeling According to Regulation (EC) No. 1272/2008 [CLP]:** No labeling applicable.

2.3. Other hazards

- **Other hazards not contributing to the classification:** Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable

3.2. Mixture

Name	Product identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
1,2-Propanediol	(CAS-No.) 57-55-6 (EC-No.) 200-338-0	15-40	Not classified
Mica	(CAS-No.) 12001-26-2 (EC-No.) 601-648-2	1-10	Not classified
Petroleum distillates, hydrotreated light	(CAS-No.) 64742-47-8 (EC-No.) 265-149-8;926-141-6 (EC Index-No.) 649-422-00-2	1-10	Flam. Liq. 3, H226 STOT SE 3, H336 Asp. Tox. 1, H304
Synthetic Rubber Polymer	(CAS-No.)9010-98-4 (EC-No.) 773/2004	15-45	Not classified
H20	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	15-45	Not classified

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures
- **First-aid measures general:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- **First-aid measures after inhalation:** When symptoms occur: go into open air and ventilate the suspected area. Obtain medical attention if breathing difficulty persists.
- **First-aid measures after skin contact:** Remove contaminated clothing. Drench the affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
- **First-aid measures after eye contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present, and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
- **First-aid measures after ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed
- **Symptoms/effects:** Not expected to present a significant hazard under anticipated conditions of normal use.
- **Symptoms/effects after inhalation:** Prolonged exposure may irritate.
- **Symptoms/effects after skin contact:** Prolonged exposure may cause skin irritation.
- **Symptoms/effects after eye contact:** May cause slight irritation to eyes.
- **Symptoms/effects after ingestion:** Ingestion may cause adverse effects.
- **Chronic symptoms:** None expected under normal conditions of use.

4.3. Indication of any immediate medical attention and special treatment needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have a product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- **Suitable extinguishing media:** Water spray, fog, carbon dioxide (CO2), alcohol-resistant foam, or dry chemical.
- **Unsuitable extinguishing media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

- **Fire hazard:** Not considered flammable but may burn at high temperatures.
- **Explosion hazard:** The product is not explosive.
- **Reactivity:** Hazardous reactions will not occur under normal conditions.
- **Hazardous decomposition products in case of fire:** Carbon oxides (CO, CO2).

5.3. Advice for firefighters

- **Precautionary measures fire:** Exercise caution when fighting any chemical fire.
- **Firefighting instructions:** Use water spray or fog for cooling exposed containers.
- **Protection during firefighting:** Do not enter the fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

- **General measures:** Avoid prolonged contact with eyes, skin, and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For non-emergency personnel

- **Protective equipment:** Use appropriate personal protective equipment (PPE).
- **Emergency procedures:** Evacuate unnecessary personnel.
- **Measures in case of dust release:** Not applicable.

6.1.2. For emergency responders

- **Protective equipment:** Equip the cleanup crew with proper protection.
- **Emergency procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental precautions

- Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- **For containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- **Methods for cleaning up:** Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- **Additional hazards when processed:** Practice good housekeeping - spillage can be slippery on smooth surfaces either wet or dry.
- **Precautions for safe handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Avoid prolonged contact with eyes, skin, and clothing. Avoid breathing vapors, mist, spray.
- **Hygiene measures:** Handle good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

- **Technical measures:** Comply with applicable regulations.
- **Storage conditions:** Keep the container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials.
- **Incompatible materials:** Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

- Inside Tubeless bicycle tires or inside bicycle inner tubes.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,2-Propanediol (57-55-6)

Croatia	GVI (granična vrijednost izloženosti) (mg/m^3)	474 mg/m^3 (total vapor and particles) 10 mg/m^3 (particles)
Croatia	GVI (granična vrijednost izloženosti) (ppm)	150 ppm
Latvia	OEL TWA (mg/m^3)	7 mg/m^3
United Kingdom	WEL TWA (mg/m^3)	474 mg/m^3 (total particulates and vapour) 10 mg/m^3 (particulates)
United Kingdom	WEL TWA (ppm)	150 ppm (total particulates and vapour)
United Kingdom	WEL STEL (mg/m^3)	1422 mg/m^3 (calculated-total particulate and vapour) 30 mg/m^3 (calculated-particulate)
United Kingdom	WEL STEL (ppm)	450 ppm (calculated-total particulate and vapour)
Ireland	OEL (8 hours ref) (mg/m^3)	10 mg/m^3 (particulates) 470 mg/m^3 (total vapour and particulates)
Ireland	OEL (8 hours ref) (ppm)	150 ppm (total vapour and particulates)
Ireland	OEL (15 min ref) (mg/m3)	1410 mg/m^3 (calculated-particulates) 30 mg/m^3 (calculated)
Ireland	OEL (15 min ref) (ppm)	450 ppm (calculated-total vapour and particulates)
Lithuania	IPRV (mg/m^3)	7 mg/m^3
Norway	Grenseverdier (AN) (mg/m^3)	79 mg/m^3
Norway	Grenseverdier (AN) (ppm)	25 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	118,5 mg/m^3 (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	37,5 ppm (value calculated)
Poland	NDS (mg/m^3)	100 mg/m^3 (vapor and inhalable fraction)

Petroleum distillates, hydrotreated light (64742-47-8)		
Switzerland	KZGW (mg/m³)	700 mg/m³
Switzerland	MAK (mg/m³)	350 mg/m³

Mica (12001-26-2)		
Austria	MAK (mg/m³)	10 mg/m³ (inhalable fraction)
Belgium	Limit value (mg/m³)	3 mg/m³
Bulgaria	OEL TWA (mg/m³)	3 mg/m³ (containing <2% free Crystalline silicon dioxide in respirable fraction-respirable fraction) 6 mg/m³ (containing <2% free Crystalline silicon dioxide in respirable fraction-inhalable fraction)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	0,8 mg/m³ (respirable dust) 10 mg/m³ (total dust)
USA ACGIH	ACGIH TWA (mg/m³)	3 mg/m³ (respirable particulate matter)
Spain	VLA-ED (mg/m³)	3 mg/m³ (this value is for the particulate matter that is free from Asbestos and contains less than 1% of crystalline Silica-respirable fraction)
Switzerland	MAK (mg/m³)	3 mg/m³ (respirable dust)
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ (total inhalable) 0,8 mg/m³ (respirable)
United Kingdom	WEL STEL (mg/m³)	30 mg/m³ (calculated-total inhalable) 2,4 mg/m³ (calculated-respirable)
Czech Republic	Expoziční limity (PEL) (mg/m³)	2 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	3 mg/m³ (respirable fraction) 10 mg/m³ (total inhalable dust)
Ireland	OEL (15 min ref) (mg/m3)	9 mg/m³ (calculated-respirable fraction) 2,4 mg/m³ (calculated-inhalable)
Norway	Grenseverdier (AN) (mg/m³)	6 mg/m³ (total dust) 3 mg/m³ (respirable dust)
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	12 mg/m³ (value calculated-total dust) 6 mg/m³ (value calculated-respirable dust)
Romania	OEL TWA (mg/m³)	3 mg/m³ (no Asbestos fibers, neither Quartz >=1%-dust, inhalable fraction)
Portugal	OEL TWA (mg/m³)	3 mg/m³ (respirable fraction)

8.2. Exposure controls

- **Appropriate engineering controls:** Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
- **Personal protective equipment:** Gloves. Protective clothing. Protective goggles.
- **Materials for protective clothing:** Chemically resistant materials and fabrics.
- **Hand protection:** Wear protective gloves.
- **Eye and Face Protection:** Chemical safety goggles.
- **Skin and body protection:** Wear suitable protective clothing.
- **Respiratory protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen-deficient atmosphere, or exposure levels are unknown, wear approved respiratory protection.
- **Other information:** When using, do not eat, drink, or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- **Physical state:** Liquid
- **Appearance:** White. Milky.
- **Colour:** No data available
- **Odour:** Slight, soapy.
- **Odour threshold:** No data available
- **pH:** 9 - 10,5
- **Evaporation rate:** No data available
- **Melting point:** No data available
- **Freezing point:** No data available
- **Boiling point**: No data available
- **Flashpoint:** ASTM D3828 >95C
- **Auto-ignition temperature:** No data available
- **Decomposition temperature:** No data available
- **Flammability (solid, gas):** Not applicable
- **Vapour pressure:** No data available
- **Relative vapour density at 20 °C:** No data available
- **Relative density:** No data available
- **Solubility:** Soluble.
- **Partition coefficient: n-octanol/water:** No data available
- **Viscosity:** 1,7 mPa.s
- **Explosive properties:** No data available
- **Oxidising properties:** No data available
- **Explosive limits:** No data available

9.2. Other information

No additional information is available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Do not decompose.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

1,2-Propanediol (57-55-6)

- **LD50 oral rat:** 20 g/kg
- **LD50 dermal rabbit:** 20800 mg/kg

Petroleum distillates, hydrotreated light (64742-47-8)

- **LD50 oral rat:** > 5000 mg/kg
- **LD50 dermal rabbit:** > 2000 mg/kg
- **LC50 inhalation rat (Dust/Mist - mg/l/4h):** > 5,3 mg/l/4h

- **Skin corrosion/irritation:** Not classified. pH: 9 - 10,5
- **Serious eye damage/irritation:** Not classified. pH: 9 - 10,5
- **Respiratory or skin sensitization:** Not classified
- **Germ cell mutagenicity:** Not classified
- **Carcinogenicity:** Not classified
- **Reproductive toxicity:** Not classified
- **STOT-single exposure:** Not classified
- **STOT-repeated exposure:** Not classified
- **Aspiration hazard:** Not classified
- **Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.
- **Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.
- **Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.
- **Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.
- **Chronic Symptoms:** None expected under normal conditions of use.
- **Potential adverse human health effects and symptoms:** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

- Ecology - general: Not classified.

1,2-Propanediol (57-55-6)	
LC50 fish 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
LC50 fish 2	41 - 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 2	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Petroleum distillates, hydrotreated light (64742-47-8)	
LC50 fish 1	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 fish 2	2,2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

12.2. Persistence and degradability

Bicycle Tire Sealant	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

Bicycle Tire Sealant	
Bioaccumulative potential	Not established.

1,2-Propanediol (57-55-6)	
BCF fish 1	< 1
Log Pow	-0,92

Petroleum distillates, hydrotreated light (64742-47-8)	
BCF fish 1	61 - 159

12.4. Mobility in soil

- No additional information is available.

12.5. Results of PBT and vPvB assessment

- No additional information is available.

12.6. Other adverse effects

- **Other information:** Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- **Product/Packaging disposal recommendations:** Dispose of contents/containers by local, regional, national, and international regulations.
- **Ecology - waste materials:** Avoid release to the environment.

SECTION 14: Transport information

- The shipping description(s) stated herein were prepared following certain assumptions at the time the SDS was authored and can vary based on several variables that may or may not have been known at the time the SDS was issued.
- By ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated for transport				
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No

14.6. Special precautions for user

- No additional information is available.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

- Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:	
3. Liquid substances or mixtures which are regarded as dangerous by Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Petroleum distillates, hydrotreated light
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Petroleum distillates, hydrotreated light
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Petroleum distillates, hydrotreated light
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Petroleum distillates, hydrotreated light

- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances

1,2-Propanediol (57-55-6)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Petroleum distillates, hydrotreated light (64742-47-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.1.2. National regulations

- No additional information is available.

15.2. Chemical safety assessment

- No chemical safety assessment has been carried out

SECTION 16: Other information

- **Date of Preparation or Latest Revision:** 29/05/2023
- **Data sources:** Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier-specific information, and/or resources that include substance-specific data and classifications according to GHS or their subsequent adoption of GHS.
- **Other information:** According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full Text of H- and EUH-statements:	
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapor.
H304	May be fatal if swallowed and enters the airways.
H336	May cause drowsiness or dizziness.

Indication of Changes No additional information is available.

This information is based on our current knowledge and is intended to describe the product for health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Although the information and recommendations outlined in this safety data sheet are presented in good faith and are believed to be correct as of the date of this SDS, The Hive Global, Inc. makes no representations as to the completeness or accuracy thereof. Information is provided on the condition that the person receiving and using it will make their determination as to the suitability for their purpose before use. In no event will The Hive Global, Inc. or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information outlined in the SDS.

Abbreviations and Acronyms

ACGIH – American Conference of Governmental Industrial Hygienists
ADN – European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
ATE - Acute Toxicity Estimate
BCF - Bioconcentration Factor
BEI - Biological Exposure Indices (BEI)
BOD – Biochemical Oxygen Demand
CAS No. - Chemical Abstracts Service Number
CLP – Classification, Labeling and Packaging Regulation (EC) No 1272/2008
COD – Chemical Oxygen Demand
EC – European Community
EC50 - Median Effective Concentration
EEC – European Economic Community
EINECS – European Inventory of Existing Commercial Chemical Substances
EmS-No. (Fire) - IMDG Emergency Schedule Fire
EmS-No. (Spillage) - IMDG Emergency Schedule Spillage
EU – European Union
ErC50 - EC50 in Terms of Reduction Growth Rate
GHS – Globally Harmonized System of Classification and Labeling of Chemicals
IARC - International Agency for Research on Cancer
IATA - International Air Transport Association
IBC Code - International Bulk Chemical Code
IMDG - International Maritime Dangerous Goods
IPRV - Ilgalaikio Poveikio Ribinis Dydis
IOELV – Indicative Occupational Exposure Limit Value
LC50 - Median Lethal Concentration
LD50 - Median Lethal Dose
LOAEL - Lowest Observed Adverse Effect Level
LOEC - Lowest-Observed-Effect Concentration
Log Koc - Soil Organic Carbon-water Partitioning Coefficient
Log Kow - Octanol/water Partition Coefficient
Log Pow - Ratio of the equilibrium concentration (C) of a dissolved substance in a two-phase system consisting of two largely immiscible solvents, in this case octanol and water
MAK – Maximum Workplace Concentration/Maximum Permissible Concentration
MARPOL - International Convention for the Prevention of Pollution
NDS - Najwyzsze Dopuszczalne Stezenie
NDSCh - Najwyzsze Dopuszczalne Stezenie Chwilowe
NDSP - Najwyzsze Dopuszczalne Stezenie Pulapowe
NOAEL - No-Observed Adverse Effect Level
NOEC - No-Observed Effect Concentration
NRD - Nevirsytinas Ribinis Dydis
NTP – National Toxicology Program
OEL - Occupational Exposure Limits
PBT - Persistent, Bioaccumulative, and Toxic
PEL - Permissible Exposure Limit
pH – Potential Hydrogen
REACH – Registration, Evaluation, Authorisation, and Restriction of Chemicals
RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
SADT - Self Accelerating Decomposition Temperature
SDS - Safety Data Sheet
STEL - Short-Term Exposure Limit
TA-Luft - Technische Anleitung zur Reinhaltung der Luft
TEL TRK – Technical Guidance Concentrations
ThOD – Theoretical Oxygen Demand
TLM - Median Tolerance Limit
TLV - Threshold Limit Value
TPRD - Trumpalaikio Poveikio Ribinis Dydis
TRGS 510 - Technische Regel für Gefahrstoffe 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern
TRGS 552 – Technische Regeln für Gefahrstoffe - N-Nitrosamine
TRGS 900 - Technische Regel für Gefahrstoffe 900 – Arbeitsplatzgrenzwerte
TRGS 903 - Technische Regel für Gefahrstoffe 903 - Biologische Grenzwerte
TSCA - Toxic Substances Control Act
TWA - Time Weighted Average
VOC – Volatile Organic Compounds
VLA-EC - Valor Límite Ambiental Exposición de Corta Duración
VLA-ED - Valor Límite Ambiental Exposición Diaria
VLE – Valeur Limite D'exposition
VME – Valeur Limite De Moyenne Exposition
vPvB - Very Persistent and Very Bioaccumulative
WEL – Workplace Exposure Limit
WGK - Wassergefährdungsklasse

EU GHS SDS