



LXW130 IDROCHROM 130 - Pasta bianca- WB White paste

Safety Data Sheet dated 7/27/2022, version 2

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: IDROCHROM 130 - Pasta bianca- WB White paste

Other means of identification:

Trade code: LXW130

Recommended use of the chemical and restrictions on use

Recommended use: IS- Industrial use PW - Professional use

Coloring paste

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

SIVAM Coatings S.p.A - Via Monviso, 10 - 20008 BAREGGIO (MI) - Tel. +39 02 903041

Importer:

Richelieu America Ltd., 237 N River Rd Suite 2, Mt. Clemens MI 48043 USA 48043-1920

Tel: 1-800-619-5446

Emergency phone number for U.S.A.: Chemtrec +1-800-424-9300

Distributor:

Richelieu America Ltd., 237 N River Rd Suite 2, Mt. Clemens MI 48043 USA 48043-1920

Tel: 1-800-619-5446

Emergency phone number for U.S.A.: Chemtrec +1-800-424-9300

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number:

SIVAM Coatings S.p.A - Tel. +39 02- 903041

Poison Centre - Ospedale di Niguarda Ca' Granda - Milan - Tel. +39 02-66101029 (24 h)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Warning, Repr. 2, Suspected of damaging fertility or the unborn child. Aquatic Acute 3, Harmful to aquatic life.

Label elements

Hazard pictograms:



Warning

Hazard statements:

H361 Suspected of damaging fertility or the unborn child.

H402 Harmful to aquatic life.

Precautionary statements:

P201 Óbtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

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None

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None.

Additional classification information

NFPA rating:



HMIS rating:



3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

Qty	Name	Ident. Number		Classification
>= 55% - < 60%	titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm]	Index number: CAS: EC: REACH No.:	022-006-00-2 13463-67-7 236-675-5 01- 2119489379 -17	The product is not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).
>= 0.1% - < 0.25%	Propylidynetrimethanol	CAS: EC: REACH No.:	77-99-6 201-074-9 01- 2119486799 -10	♦ A.7/2 Repr. 2 H361
416 ppm	1,2-benzisothiazol- 3(2H)-one; 1,2- benzisothiazolin-3-one	Index number: CAS: EC: REACH No.:	2634-33-5 220-120-9	 ♠ A.1/4/Oral Acute Tox. 4 H302 ♠ A.2/2 Skin Irrit. 2 H315 ♠ A.3/1 Eye Dam. 1 H318 ♠ A.4.2/1 Skin Sens. 1 H317

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			2120761540 -60	 ♦ US-HAE/A1 Aquatic Acute 1 H400 ♦ US-HAE/C2 Aquatic Chronic 2 H411 Specific Concentration Limits: C >= 0,05%: Skin Sens. 1 H317
290 ppm	3-iodo-2-propynyl butylcarbamate	Index number: CAS: EC: REACH No.:	55406-53-6 259-627-5	 ♠ A.1/3/Inhal Acute Tox. 3 H331 ♠ A.1/4/Oral Acute Tox. 4 H302 ♠ A.9/1 STOT RE 1 H372 ♠ A.3/1 Eye Dam. 1 H318 ♠ A.4.2/1 Skin Sens. 1 H317 ♠ US-HAE/A1 Aquatic Acute 1 H400 M=10. ♠ US-HAE/C1 Aquatic Chronic 1 H410 M=1.
14 ppm	octhilinone (ISO); 2- octyl-2H-isothiazol-3- one	Index number: CAS: EC:	613-112-00-5 26530-20-1 247-761-7	 A.2/1B Skin Corr. 1B H314 A.4.2/1 Skin Sens. 1 H317 US-HAE/A1 Aquatic Acute 1 H400 US-HAE/C1 Aquatic Chronic 1 H410 A.1/3/Dermal Acute Tox. 3 H311 A.1/2/Inhal Acute Tox. 2 H330 A.1/3/Oral Acute Tox. 3 H301 Specific Concentration Limits: C >= 0,0015%: Skin Sens. 1 H317
13 ppm	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4)	Index number: CAS: REACH No.:	55965-84-9	 ♦ A.2/1B Skin Corr. 1B H314 ♦ A.3/1 Eye Dam. 1 H318 ♦ A.4.2/1 Skin Sens. 1 H317 ♦ US-HAE/A1 Aquatic Acute 1 H400 ♦ US-HAE/C1 Aquatic Chronic 1 H410 ♦ A.1/3/Oral Acute Tox. 3 H301 ♦ A.1/3/Dermal Acute Tox. 3 H301 ♦ A.1/2/Inhal Acute Tox. 2 H330 Specific Concentration Limits: C >= 0,6%: Skin Corr. 1B H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 0,06% <= C < 0.6%: Eye Irrit. 2A H319 C >= 0,0015%: Skin Sens. 1 H317

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.



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In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water.

Carbon dioxide (CO2).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products:

None

Explosive properties: N.D. in volume

Oxidizing properties: N.D.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into

drains

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Exercise the greatest care when handling or opening the container.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contamined clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

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Instructions as regards storage premises:

Adequately ventilated premises.

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 μm] - CAS: 13463-67-7

ACGIH - TWA(8h): 10 mg/m3 - Notes: A4 - LRT irr

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1

TLV TWA - 0,2 mg/m3

TLV STEL - 0,6 mg/m3

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - CAS:

55965-84-9

TLV TWA - 0,05 mg/m3

TLV STEL - 0,23 mg/m3

DNEL Exposure Limit Values

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 μm] - CAS: 13463-67-7

Worker Industry: 3.3 mg/m3 - Worker Professional: 3.3 mg/m3 - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Propylidynetrimethanol - CAS: 77-99-6

Worker Industry: 3.3 mg/m3 - Worker Professional: 3.3 mg/m3 - Consumer: 0.58 mg/m3 -

Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 0.94 mg/kg - Worker Professional: 0.94 mg/kg - Consumer: 0.34 mg/kg

- Exposure: Human Dermal - Frequency: Long Term, systemic effects

Consumer: 0.34 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 μm] - CAS: 13463-67-7

Target: Fresh Water - Value: 0.184 mg/l

Target: Marine water - Value: 0.0184 mg/l

Target: Intermittent emission - Value: 0.61 mg/l

Target: Freshwater sediments - Value: 1000 mg/kg

Target: Marine water sediments - Value: 100 mg/kg

Target: Microorganisms in sewage treatments - Value: 100 mg/l

Target: Soil (agricultural) - Value: 100 mg/kg

Target: Food chain - Value: 1667 mg/kg

Appropriate engineering controls:

None

Individual protection measures

Eye protection:

Eye glasses with side protection. (EN166)

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber. (EN374)

Respiratory protection:

Not needed for normal use.

Thermal Hazards:

None



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:

Odour:

Odour threshold:
pH:

Melting point / freezing point:

Liquid,White typical

N.D.

8.5

N.D. °C

Initial boiling point and boiling range: > 100 °C

Solid/gas flammability: N.A.

Upper/lower flammability or explosive limits: N.D.

Vapour density: > 1
Flash point: N.A. °C
Evaporation rate: N.D.
Vapour pressure: N.D. (20 °C)
Relative density: 1.950 - 1.970
Solubility in water: miscible
Solubility in oil: N.D.

Partition coefficient (n-octanol/water): N.D.

Auto-ignition temperature: N.D. °C
Decomposition temperature: N.D. °C
Viscosity: N.D.
Miscibility: N.D.
Fat Solubility: N.D.
Conductivity: N.D.

Substance Groups relevant properties N.A.

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

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a) acute toxicity

Not classified

No data available for the product

b) skin corrosion/irritation

Not classified

No data available for the product

c) serious eye damage/irritation

Not classified

No data available for the product

d) respiratory or skin sensitisation

Not classified

No data available for the product

e) germ cell mutagenicity

Not classified



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No data available for the product

f) carcinogenicity

Not classified

No data available for the product

g) reproductive toxicity

The product is classified: Repr. 2 H361

h) STOT-single exposure

Not classified

No data available for the product

i) STOT-repeated exposure

Not classified

No data available for the product

j) aspiration hazard

Not classified

No data available for the product

Toxicological information of the main substances found in the product:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm] - CAS: 13463-67-7

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 5000 mg/kg - Source: OECD 425

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation Dust - Species: Rat > 3.5 mg/l - Duration: 4h

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 670 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 4115 mg/kg

3-iodo-2-propynyl butylcarbamate - CAS: 55406-53-6

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 1056 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 2000 mg/kg

Test: LC50 - Route: Inhalation Mist - Species: Rat = 0.67 mg/l - Duration: 4h

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one - CAS: 26530-20-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 318 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 311 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 0.58 mg/l - Duration: 4h

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - CAS: 55965-84-9

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 0.31 mg/l - Duration: 4h

Test: LC50 - Route: Oral - Species: Rat = 53 mg/kg

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm] - Group 2B.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 µm].

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

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The product is classified: Aquatic Acute 3 - H402

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 2.18 mg/l - Duration h: 96 Endpoint: EC50 - Species: Daphnia = 2.94 mg/l - Duration h: 48 Endpoint: EC50 - Species: Algae = 0.11 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia = 1.2 mg/l - Notes: 21 d Endpoint: NOEC - Species: Fish = 0.21 mg/l - Notes: 28 d

3-iodo-2-propynyl butylcarbamate - CAS: 55406-53-6

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 0.022 mg/l - Duration h: 72 Endpoint: EC50 - Species: Daphnia = 0.16 mg/l - Duration h: 48 Endpoint: LC50 - Species: Fish = 0.067 mg/l - Duration h: 96

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H

-isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) - ĆAS: 55965-84-9

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Algae = 0.018 mg/l - Duration h: 72 Endpoint: EC50 - Species: Daphnia = 0.126 mg/l - Duration h: 48 Endpoint: LC50 - Species: Fish = 0.188 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 0.0012 mg/l - Duration h: 72 - Notes: OECD 201

Endpoint: NOEC - Species: Daphnia = 0.0035 mg/l - Notes: 21d - OECD 211

Endpoint: NOEC - Species: Fish = 0.02 mg/l - Notes: 38d - OECD 210

Persistence and degradability

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one - CAS: 2634-33-5

Biodegradability: Readily biodegradable - Test: CO2 production - Duration h: 28 days - %:

100 - Notes: OECD 301B

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

Not classified as dangerous in the meaning of transport regulations.

UN proper shipping name

Ν.Α.

Transport hazard class(es)

N.A.

Packing group

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Environmental hazards

ADR-Enviromental Pollutant: No IMDG-Marine pollutant: No

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)

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N.A. Special precautions N.A.

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 μ m] is listed in TSCA Section 8b

Propylidynetrimethanol is listed in TSCA Section 8b

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one is listed in TSCA Section 8b

3-iodo-2-propynyl butylcarbamate is listed in TSCA Section 8b

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one is listed in TSCA Section 8b, Section 8d HSDR, Section 8a - CAIR

mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS 26172-55-4 + CAS 2682-20-4) is listed in TSCA Section 12b, Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: no substances listed.

Section 304 – Hazardous substances: no substances listed.

Section 313 – Toxic chemical list: 3-iodo-2-propynyl butylcarbamate.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act No substances listed.

CAA - Clean Air Act

CAA listed substances:

Propylidynetrimethanol is listed in CAA Section 112(b) - HON >= 0.1% - < 0.25%.

CWA - Clean Water Act

CWA listed substances:

3-iodo-2-propynyl butylcarbamate is listed in CWA Section 304

octhilinone (ISO); 2-octyl-2H-isothiazol-3-one is listed in CWA Section 304.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leq 10 µm] - Listed as carcinogen.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:

titanium dioxide; [in powder form containing $\bar{1}$ % or more of particles with aerodynamic diameter <= 10 µm].

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter \leftarrow 10 μ m]

3-iodo-2-propynyl butylcarbamate.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:

titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 μ m].

Volatile Organic compounds - VOCs = 0.11 %

Volatile Organic compounds - VOCs = 2.17 g/l

Volatile CMR substances = 0.00 %

Organic Carbon - C = 0.00



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16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H361 Suspected of damaging fertility or the unborn child.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H411 Toxic to aquatic life with long lasting effects.

H331 Toxic if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

H314 Causes severe skin burns and eye damage.

H311 Toxic in contact with skin.

H330 Fatal if inhaled.

H301 Toxic if swallowed.

H319 Causes serious eye irritation.

Safety Data Sheet dated 7/27/2022, version 2 Sections modified from the previous revision:

2. HAZARD(S) IDENTIFICATION

- 3. COMPOSITION/INFORMATION ON INGREDIENTS
- 4. FIRST-AID MEASURES
- 8. EXPOSURE CONTROLS/PERSONAL PROTECTION
- 9. PHYSICAL AND CHEMICAL PROPERTIES
- 11. TOXICOLOGICAL INFORMATION
- 12. ECOLOGICAL INFORMATION
- 15. REGULATORY INFORMATION

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of

Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical

Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.
GHS: Globally Harmonized System of Classification and Labeling of

Chemicals.

HMIS: Hazardous Materials Identification System IARC: International Agency for Research on Cancer IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport

Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization"

(ICAO).

IMDG: International Maritime Code for Dangerous Goods.

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INCI: International Nomenclature of Cosmetic Ingredients.

KSt: Explosion coefficient.

LC50: Lethal concentration, for 50 percent of test population.

LD50: Lethal dose, for 50 percent of test population.

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods

by Rail.

STEL: Short Term Exposure limit.
STOT: Specific Target Organ Toxicity.
TLV: Threshold Limiting Value.
TWA: Time-weighted average