

Safety Data Sheet



LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

Safety Data Sheet dated 5/10/2018, version 1

1. Identification

GHS Product identifier

Mixture identification:
Trade name: SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish
Other means of identification
Trade code: LGE050

Recommended use and restrictions on use

Recommended use:
Industrial and professional uses (SU3 - SU22)
Varnish for wood

Supplier's details

Company:
NUOVA S.I.V.A.M. SpA - Via Monviso, 10 - 20010 BAREGGIO (MI) - Tel. +39 02 90304.1
Importer:
Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
7900 Henri-Bourassa Blvd. W.
Montreal, Quebec, Canada, H4S 1V4
Tel :+1-514-832-4010
Emergency phone number for Canada: Canutec (613) 996-6666
Distributor:
Quincaillerie Richelieu Ltée/Richelieu Hardware Ltd.
7900 Henri-Bourassa Blvd. W.
Montreal, Quebec, Canada, H4S 1V4
Tel :+1-514-832-4010
Emergency phone number for Canada: Canutec (613) 996-6666

Competent person responsible for the safety data sheet:

msds@sivam.it

Emergency phone number

NUOVA S.I.V.A.M. SpA - Tel. +39 02 90304.1 (Monday - Friday 8.00 - 15.00)
Poison Centre - Ospedale di Niguarda - Milan - Tel. +39 02 66101029 (24 h)

2. Hazard identification

Classification of the hazardous product

- ⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.
- ⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.
- ⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.
- Aquatic Chronic 3, Harmful to aquatic life with long lasting effects.

GHS label elements, including precautionary statements

Hazard pictograms:



Warning

Hazard statements:

H226 Flammable liquid and vapour.
H317 May cause an allergic skin reaction.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water/...
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.
P312 Call a POISON CENTER/ doctor/if you feel unwell.
P321 Specific treatment (see ... On this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special provisions

None

Other hazards

None

Ingredient(s) with unknown acute toxicity

None.

3. Composition/Information on ingredients

Substances

N.A.

Mixtures

Hazardous components within the meaning of WHMIS 2015 and related classification:

Qty	Name	Ident. Number	Classification
>= 25% - < 30%	n-butyl acetate	Index number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1 REACH No.: 01-2119485493-29	<div> <div></div> <div>B.6/3 Flam. Liq. 3 H226</div> </div> <div> <div></div> <div>A.8/3 STOT SE 3 H336</div> </div>
>= 7% - < 10%	Hydrocarbons, C9, aromatics	EC: 918-668-5 REACH No.: 01-2119455851-35	<div> <div></div> <div>B.6/3 Flam. Liq. 3 H226</div> </div> <div> <div></div> <div>A.10/1 Asp. Tox. 1 H304</div> </div> <div> <div></div> <div>CAN-HAE/C2 Aquatic Chronic 2 H411</div> </div> <div> <div></div> <div>A.8/3 STOT SE 3 H335</div> </div> <div> <div></div> <div>A.8/3 STOT SE 3 H336</div> </div>
>= 1% - < 3%	4-hydroxy-4-methylpentan-2-one; diacetone alcohol	Index number: 603-016-00-1 CAS: 123-42-2 EC: 204-626-7 REACH No.: 01-2119473975-21	<div> <div></div> <div>B.6/3 Flam. Liq. 3 H226</div> </div> <div> <div></div> <div>A.8/3 STOT SE 3 H335</div> </div>
>= 0.1% - < 0.3%	2-hydroxyethyl methacrylate	Index number: 607-124-00-X CAS: 868-77-9 EC: 212-782-2 REACH No.: 01-2119490169-29	<div> <div></div> <div>A.2/2 Skin Irrit. 2 H315</div> </div> <div> <div></div> <div>A.3/2A Eye Irrit. 2A H319</div> </div> <div> <div></div> <div>A.4.2/1 Skin Sens. 1 H317</div> </div>

4. First-aid measures

Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

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.

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

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

None

Indication of immediate medical attention and special treatment needed, if necessary

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 and unsuitable extinguishing media

Suitable extinguishing media:

In case of fire, use alcohol resistant foam, dry chemical, CO₂, water spray. Do not use water jet.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the hazardous product

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 all sources of ignition.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Remove persons to safety.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

Methods and material 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.

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.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Avoid accumulating electrostatic charge.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Safety electric system.

Storage temperature:

Store at ambient temperature.

8. Exposure controls/personal protection

Control parameters

n-butyl acetate - CAS: 123-86-4

ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

Hydrocarbons, C9, aromatics

ACGIH - TWA: 100 mg/m³, 19 ppm - Notes: total hydrocarbons

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

ACGIH - TWA(8h): 50 ppm - Notes: URT and eye irr

DNEL Exposure Limit Values

n-butyl acetate - CAS: 123-86-4

Worker Industry: 960 mg/m³ - Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human

Inhalation - Frequency: Short Term, systemic effects

Worker Industry: 960 mg/m³ - Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human

Inhalation - Frequency: Short Term, local effects

Worker Industry: 480 mg/m³ - Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 480 mg/m³ - Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human

Inhalation - Frequency: Long Term, local effects

Hydrocarbons, C9, aromatics

Worker Industry: 150 mg/m³ - Worker Professional: 150 mg/m³ - Consumer: 32 mg/m³ - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Worker Industry: 25 mg/kg - Worker Professional: 25 mg/kg - Consumer: 11 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Consumer: 11 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

Worker Industry: 9.4 mg/kg - Worker Professional: 9.4 mg/kg - Consumer: 3.4 mg/kg - Exposure: Human Dermal -

Frequency: Long Term, systemic effects

Worker Industry: 66.4 mg/m³ - Worker Professional: 66.4 mg/m³ - Consumer: 11.8 mg/m³ - Exposure: Human

Inhalation - Frequency: Long Term, systemic effects

Consumer: 3.4 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

n-butyl acetate - CAS: 123-86-4

Target: Fresh Water - Value: 0.18 mg/l

Target: Marine water - Value: 0.018 mg/l

Target: Intermittent emission - Value: 0.36 mg/l

Target: Freshwater sediments - Value: 0.98 mg/kg

Target: Marine water sediments - Value: 0.098 mg/kg

Target: Microorganisms in sewage treatments - Value: 35.6 mg/l

Target: Soil (agricultural) - Value: 0.09 mg/kg

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

Target: Fresh Water - Value: 2 mg/l

Target: Marine water - Value: 0.2 mg/l

Target: Freshwater sediments - Value: 9.06 mg/kg

Target: Marine water sediments - Value: 0.91 mg/kg

Target: Intermittent emission - Value: 1 mg/l

Target: Microorganisms in sewage treatments - Value: 82 mg/l

Target: Soil (agricultural) - Value: 0.63 mg/kg

Appropriate engineering controls

None

Individual protection measures, such as personal protective equipment (PPE)

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:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. Physical and chemical properties

Appearance and colour:	colourless fluid
Odour:	typical
Odour threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	N.D. °C
Initial boiling point and boiling range:	> 120 °C
Flash point:	> 25 °C
Evaporation rate:	N.D.
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	7.5% - 1.6% Vol. (n-butyl acetate)
Vapour pressure:	N.D. (20 °C)
Vapour density:	> 1

LGE050/1

Page n. 4 of 9

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

Relative density:	0.970 - 0.990
Solubility in water:	partial
Solubility in oil:	partial
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	> 300 °C
Decomposition temperature:	N.D. °C
Viscosity:	N.D.

10. Stability and reactivity

Reactivity

It may generate dangerous reactions (See subsections below)

Chemical stability

It may generate dangerous reactions (See subsections below)

Possibility of hazardous reactions

It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.

It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.

Conditions to avoid

Avoid accumulating electrostatic charge.

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. Toxicological information

Information on toxicological effects

Toxicological information of the product:

SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

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

The product is classified: Skin Sens. 1 H317

e) germ cell mutagenicity

Not classified

No data available for the product

f) carcinogenicity

Not classified

No data available for the product

g) reproductive toxicity

Not classified

No data available for the product

h) STOT-single exposure

The product is classified: STOT SE 3 H336

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:

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 10760 mg/kg - Source: OECD 423

Test: LC50 - Route: Inhalation - Species: Rat > 23.4 mg/l - Duration: 4h - Source: OECD 403

Test: LD50 - Route: Skin - Species: Rabbit > 14000 mg/kg - Source: OECD 402

Hydrocarbons, C9, aromatics

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3492 mg/kg - Source: OCSE 401

Test: LC50 - Route: Inhalation - Species: Rat > 6193 mg/m3 - Duration: 4h - Source: OCSE 403

Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg - Source: OCSE 402

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 3002 mg/kg

Test: LD50 - Route: Skin - Species: Rat > 1875 mg/kg

n-butyl acetate - CAS: 123-86-4

The vapours can cause headache and nausea. As a liquid it can irritate the eyes and cause conjunctivitis, it can irritate the skin and cause dermatitis and, if swallowed, causes inebriation, hallucinations and sedation.

Symptoms of illness at 500 ppm. Serious toxic effects at 2.000 ppm for 60 min.

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

The product is irritating for eyes and for the superior respiratory tract.

The acute toxicity shows itself to environmental concentrations of 100 ppm with irritation to eyes, nose and throat and with pulmonary troubles at 400 ppm.

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

None.

Substance(s) listed on the IARC Monographs:

None.

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

None.

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

None.

12. Ecological information

Ecotoxicity

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

SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

The product is classified: Aquatic Chronic 3 - H412

n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96 - Notes: OECD 203

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 674 mg/l - Duration h: 72

Hydrocarbons, C9, aromatics

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 3.2 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 2.9 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 9.2 mg/l - Duration h: 96

Persistence and degradability

n-butyl acetate - CAS: 123-86-4

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: N.A. - %: N.A. - Notes: N.A.

Hydrocarbons, C9, aromatics

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: 28 days - %: 78 - Notes: N.A.

4-hydroxy-4-methylpentan-2-one; diacetone alcohol - CAS: 123-42-2

Biodegradability: Readily biodegradable - Test: N.A. - Duration h: 28 days - %: 98.51 - Notes: OECD 301 A

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. Disposal considerations

Safe handling and methods for disposal

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

TDG number:

UN1263

LGE050/1

Page n. 6 of 9

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

ADR-UN Number:	1263
DOT number:	UN1263
IATA-UN Number:	1263
IMDG-UN Number:	1263
UN proper shipping name	
TDG-Shipping Name:	PAINT
ADR-Shipping Name:	PAINT
DOT-Shipping Name:	Paint including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base or Paint related material including paint thinning, drying, removing, or reducing compound
ADR-Technical Name:	Paint
IATA-Shipping Name:	PAINT
IATA-Technical name:	Paint
IMDG-Shipping Name:	PAINT
IMDG-Shipping name:	Paint
Transport hazard class(es)	
TDG Class:	3
ADR-Class:	3
DOT Hazard Class:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3
Packing group	
TDG Packing group:	III
ADR-Packing Group:	III
DOT Packing group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
Environmental hazards	
ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	N.A.
Special precautions in connection with transport or conveyance	
Rail (RID):	3
TDG Special provisions:	59,142
DOT Special provisions:	367, B1, B52, B131, IB3, T2, TP1, TP29
ADR-Subsidiary risks:	-
ADR-S.P.:	163 367 640E 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary risks:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary risks:	-
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

15. Regulatory information

Safety, health and environmental regulations specific for the product in question
 This Safety Data Sheet has been prepared according to the Hazardous Products Regulations (HPR) - WHMIS 2015.

NPRI - National Pollutant Release Inventory
 Substance(s) listed under NPRI:
 None.

DSL inventory - Domestic substances list
 no substances listed

NDSL inventory - Not Domestic substances list
 no substances listed

TSCA inventory
 List of substances included in the TSCA inventory:
 n-butyl acetate
 4-hydroxy-4-methylpentan-2-one; diacetone alcohol
 2-hydroxyethyl methacrylate
 List of substances not included in the TSCA inventory:
 Hydrocarbons, C9, aromatics

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

TSCA listed substances:

n-butyl acetate is listed in TSCA Section 8b
4-hydroxy-4-methylpentan-2-one; diacetone alcohol is listed in TSCA Section 8a - PAIR, Section 8b, Section 8d
HSDR
2-hydroxyethyl methacrylate is listed in TSCA Section 8b.

USA - Federal regulations

SARA - Superfund Amendments and Reauthorization Act
Section 302 – Extremely Hazardous Substances: no substances listed.
Section 304 – Hazardous substances: n-butyl acetate.
Section 313 – Toxic chemical list: no substances listed.
CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA: n-butyl acetate - Reportable quantity: 5000 pounds.
Reportable quantity for mixture: 18138.28629 pounds.
CAA - Clean Air Act
CAA listed substances:
n-butyl acetate is listed in CAA Section 111
4-hydroxy-4-methylpentan-2-one; diacetone alcohol is listed in CAA Section 111.
CWA - Clean Water Act
CWA listed substances:
n-butyl acetate is listed in CWA Section 304, Section 311.

USA - State specific regulations

California Proposition 65
Substance(s) listed under California Proposition 65:
None.
Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
n-butyl acetate
4-hydroxy-4-methylpentan-2-one; diacetone alcohol.
New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
n-butyl acetate
4-hydroxy-4-methylpentan-2-one; diacetone alcohol.
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
n-butyl acetate
4-hydroxy-4-methylpentan-2-one; diacetone alcohol.

Volatile Organic compounds - VOCs = 45.30 %
Volatile Organic compounds - VOCs = 448.49 g/l
Volatile CMR substances = 0.02 %
Organic Carbon - C = 0.30

16. Other information

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.

Safety Data Sheet dated 5/10/2018, version 1

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.
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.

Safety Data Sheet

LGE050 SIVOGLOSS Lucido Acrilico trasparente - Clear Acrylic glossy finish

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.
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