

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

## 1 Identification

- **Product identifier**
- **Trade name:** C075 EXPRESS L.E.CLEAR
- **Article number:** C075
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
General Paint Co. SAL  
P.O. Box 7623  
Beirut  
LEBANON  
info@hymax.biz
- **Information department:** Product Safety Department
- **Emergency telephone number:** During normal opening times:1-800-535-5053

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Warning

- **Hazard-determining components of labeling:**

n-butyl acetate

(Contd. on page 2)

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 1)

s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate

**· Hazard statements**

Flammable liquid and vapor.  
May cause an allergic skin reaction.  
May cause drowsiness or dizziness.

**· Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Ground/bond container and receiving equipment.  
Use explosion-proof electrical/ventilating/lighting/equipment.  
Use only non-sparking tools.  
Take precautionary measures against static discharge.  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Use only outdoors or in a well-ventilated area.  
Contaminated work clothing must not be allowed out of the workplace.  
Wear protective gloves/protective clothing/eye protection/face protection.  
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a poison center/doctor if you feel unwell.  
Specific treatment (see on this label).  
If skin irritation or rash occurs: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
In case of fire: Use for extinction: CO2, powder or water spray.  
Store in a well-ventilated place. Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Classification system:**

**· NFPA ratings (scale 0 - 4)**



**· HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	3	Fire = 3
REACTIVITY	0	Reactivity = 0

**· Other hazards**

**· Results of PBT and vPvB assessment**

· PBT: Not applicable.

(Contd. on page 3)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

· **vPvB:** Not applicable.

(Contd. of page 2)

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

123-86-4	n-butyl acetate	>10-≤25%
110-43-0	2-Heptanone	>10-≤25%
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5-≤10%
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol- hydroxypoly(oxyethylene);a-3-(3-(2h-	≤2.5%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	≤2.5%

### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 4)



## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

Trade name: C075 EXPRESS L.E.CLEAR

(Contd. of page 3)

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

123-86-4	<i>n</i> -butyl acetate	5 ppm
110-43-0	2-Heptanone	150 ppm
67-64-1	acetone	200 ppm
123-54-6	pentane-2,4-dione	75 ppm
75-65-0	2-methylpropan-2-ol	150 ppm
57-55-6	Propylene glycol	30 mg/m <sup>3</sup>
77-58-7	dibutyltin dilaurate	1.1 mg/m <sup>3</sup>
280-57-9	triethylenediamine	5.1 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	1.5 ppm
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
70657-70-4	2-methoxypropyl acetate	50 ppm
556-67-2	octamethylcyclotetrasiloxane	30 ppm

- **PAC-2:**

123-86-4	<i>n</i> -butyl acetate	200 ppm
110-43-0	2-Heptanone	670 ppm
67-64-1	acetone	3200* ppm
123-54-6	pentane-2,4-dione	110 ppm
75-65-0	2-methylpropan-2-ol	1,300 ppm
57-55-6	Propylene glycol	1,300 mg/m <sup>3</sup>
77-58-7	dibutyltin dilaurate	8 mg/m <sup>3</sup>

(Contd. on page 5)



## Safety Data Sheet

acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

		(Contd. of page 4)
280-57-9	triethylenediamine	56 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	16 ppm
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
70657-70-4	2-methoxypropyl acetate	1,000 ppm
556-67-2	octamethylcyclotetrasiloxane	68 ppm
<b>· PAC-3:</b>		
123-86-4	n-butyl acetate	3000* ppm
110-43-0	2-Heptanone	4000* ppm
67-64-1	acetone	5700* ppm
123-54-6	pentane-2,4-dione	200 ppm
75-65-0	2-methylpropan-2-ol	8000* ppm
57-55-6	Propylene glycol	7,900 mg/m <sup>3</sup>
77-58-7	dibutyltin dilaurate	48 mg/m <sup>3</sup>
280-57-9	triethylenediamine	340 mg/m <sup>3</sup>
122-99-6	2-Phenoxyethanol	97 ppm
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
70657-70-4	2-methoxypropyl acetate	5,000 ppm
556-67-2	octamethylcyclotetrasiloxane	130 ppm

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Storage class:** 3
- **Specific end use(s)** No further relevant information available.

US

(Contd. on page 6)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 5)

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

123-86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
REL	Short-term value: 950 mg/m <sup>3</sup> , 200 ppm Long-term value: 710 mg/m <sup>3</sup> , 150 ppm
TLV	Short-term value: 712 mg/m <sup>3</sup> , 150 ppm Long-term value: 238 mg/m <sup>3</sup> , 50 ppm
110-43-0 2-Heptanone	
PEL	Long-term value: 465 mg/m <sup>3</sup> , 100 ppm
REL	Long-term value: 465 mg/m <sup>3</sup> , 100 ppm
TLV	Long-term value: 233 mg/m <sup>3</sup> , 50 ppm

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to

(Contd. on page 7)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 6)

be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

### 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

<b>Form:</b>	Liquid
<b>Color:</b>	Clear
· <b>Odor:</b>	Characteristic
· <b>Odor threshold:</b>	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	124 °C (255.2 °F)

· **Flash point:** 27 °C (80.6 °F)

· **Flammability (solid, gaseous):** Not applicable.

· **Ignition temperature:** 370 °C (698 °F)

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

<b>Lower:</b>	1 Vol %
<b>Upper:</b>	7.5 Vol %

· **Vapor pressure at 20 °C (68 °F):** 10.7 hPa (8 mm Hg)

· **Density at 20 °C (68 °F):** 0.955 g/cm<sup>3</sup> (7.96948 lbs/gal)

· **Relative density** Not determined.

(Contd. on page 8)



# Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 7)

· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	45.6 %
<b>Coating VOC content:</b>	44.70 %
	431.5 g/l / 3.60 lb/gal
<b>Material VOC content:</b>	426.9 g/l / 3.56 lb/gal
· <b>Solids content:</b>	52.1 %
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

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

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>64742-95-6 Solvent naphtha (petroleum), light arom.</b>		
Oral	LD50	>6,800 mg/kg (rat)
Dermal	LD50	>3,400 mg/kg (rab)
Inhalative	LC50/4 h	>10.2 mg/l (rat)

(Contd. on page 9)





# Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 8)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

· **Carcinogenic categories**

· <b>IARC (International Agency for Research on Cancer)</b>
None of the ingredients is listed.

· <b>NTP (National Toxicology Program)</b>
None of the ingredients is listed.

· <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>
None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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:**  
Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

(Contd. on page 10)

**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 9)

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

**14 Transport information**

· <b>UN-Number</b>	
· <b>DOT, ADR, IMDG, IATA</b>	UN1263
· <b>UN proper shipping name</b>	
· <b>DOT</b>	Paint
· <b>ADR</b>	1263 PAINT
· <b>IMDG, IATA</b>	PAINT
· <b>Transport hazard class(es)</b>	
· <b>DOT</b>	
· <b>Class</b>	3 Flammable liquids
· <b>Label</b>	3
<hr style="border-top: 1px dashed black;"/>	
· <b>ADR, IMDG, IATA</b>	
· <b>Class</b>	3 Flammable liquids
· <b>Label</b>	3
· <b>Packing group</b>	
· <b>DOT, ADR, IMDG, IATA</b>	III
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Warning: Flammable liquids
· <b>Danger code (Kemler):</b>	30
· <b>EMS Number:</b>	F-E,S-E
· <b>Stowage Category</b>	A
· <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

(Contd. on page 11)



# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 10)

<b>· Transport/Additional information:</b>	
<b>· DOT</b>	
<b>· Quantity limitations</b>	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
<hr/>	
<b>· ADR</b>	
<b>· Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<hr/>	
<b>· IMDG</b>	
<b>· Limited quantities (LQ)</b>	5L
<b>· Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<hr/>	
<b>· UN "Model Regulation":</b>	UN 1263 PAINT, 3, III

## 15 Regulatory information

<b>· Safety, health and environmental regulations/legislation specific for the substance or mixture</b>		
<b>· Sara</b>		
<b>· Section 355 (extremely hazardous substances):</b>		
None of the ingredients is listed.		
<b>· Section 313 (Specific toxic chemical listings):</b>		
75-65-0	2-methylpropan-2-ol	
122-99-6	2-Phenoxyethanol	
104-68-7	Diethylene glycol monophenyl ether	
<b>· TSCA (Toxic Substances Control Act):</b>		
123-86-4	n-butyl acetate	ACTIVE
110-43-0	2-Heptanone	ACTIVE
104810-47-1	s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol- ohydroxypoly(oxyethylene);a-3-(3-(2h-	ACTIVE
67-64-1	acetone	ACTIVE
123-54-6	pentane-2,4-dione	ACTIVE
75-65-0	2-methylpropan-2-ol	ACTIVE
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	ACTIVE
57-55-6	Propylene glycol	ACTIVE

(Contd. on page 12)

## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 11)

82919-37-7	methyl 1,2,2,6,6,6-pentamethyl-4-piperidyl sebacate	ACTIVE
77-58-7	dibutyltin dilaurate	ACTIVE
280-57-9	triethylenediamine	ACTIVE
122-99-6	2-Phenoxyethanol	ACTIVE
108-65-6	2-methoxy-1-methylethyl acetate	ACTIVE
104-68-7	Diethylene glycol monophenyl ether	ACTIVE
556-67-2	octamethylcyclotetrasiloxane	ACTIVE

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

· **Proposition 65**

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

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

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

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

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

67-64-1	acetone	I
---------	---------	---

· **TLV (Threshold Limit Value established by ACGIH)**

67-64-1	acetone	A4
75-65-0	2-methylpropan-2-ol	A4
77-58-7	dibutyltin dilaurate	A4

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

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

· **Hazard pictograms**





## Safety Data Sheet

acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 12)

- **Signal word** *Warning*
- **Hazard-determining components of labeling:**
  - n-butyl acetate*
  - s-3-(3-(2h-benzotriazol-2-yl)-5-t-butyl-4-hydroxyphenyl)propionol-ohydroxypoly(oxyethylene);a-3-(3-(2h-bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate*
- **Hazard statements**
  - Flammable liquid and vapor.*
  - May cause an allergic skin reaction.*
  - May cause drowsiness or dizziness.*
- **Precautionary statements**
  - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.*
  - Ground/bond container and receiving equipment.*
  - Use explosion-proof electrical/ventilating/lighting/equipment.*
  - Use only non-sparking tools.*
  - Take precautionary measures against static discharge.*
  - Avoid breathing dust/fume/gas/mist/vapors/spray*
  - Use only outdoors or in a well-ventilated area.*
  - Contaminated work clothing must not be allowed out of the workplace.*
  - Wear protective gloves/protective clothing/eye protection/face protection.*
  - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
  - Call a poison center/doctor if you feel unwell.*
  - Specific treatment (see on this label).*
  - If skin irritation or rash occurs: Get medical advice/attention.*
  - Wash contaminated clothing before reuse.*
  - In case of fire: Use for extinction: CO2, powder or water spray.*
  - Store in a well-ventilated place. Keep container tightly closed.*
  - Store in a well-ventilated place. Keep cool.*
  - Store locked up.*
  - Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

### 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing SDS:** *Product safety department*
- **Contact:** *N/A*
- **Date of preparation / last revision** *06/14/2019 / -*
- **Abbreviations and acronyms:**
  - RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

(Contd. on page 14)

US



## Safety Data Sheet acc. to OSHA HCS

Printing date 06/14/2019

Reviewed on 05/06/2019

**Trade name: C075 EXPRESS L.E.CLEAR**

(Contd. of page 13)

ICAO: International Civil Aviation Organisation  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
DOT: US Department of Transportation  
IATA: International Air Transport Association  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Flam. Liq. 3: Flammable liquids – Category 3  
Skin Sens. 1: Skin sensitisation – Category 1  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

US