

Safety Data Sheet

acc. to OSHA HCS

Printing date 02/18/2020

Reviewed on 02/18/2020

1 Identification

· **Product identifier**

· **Trade name:** Color Perfect Family SDS

· **Article number:**

96753611 Color Perfect 8G
 96968284 Color Perfect 4RV
 96968285 Color Perfect 4N
 96984718 Color Perfect 12A
 96986641 Color Perfect 5N
 96986779 Color Perfect 6N
 96987071 Color Perfect 8N
 96987227 Color Perfect 10N
 96989206 Color Perfect T9N
 96989324 Color Perfect 5A
 96989349 Color Perfect T11B
 96989440 Color Perfect 6A
 96990287 Color Perfect 7A
 96990672 Color Perfect 7G
 96990680 Color Perfect 8A
 96990729 Color Perfect 9A
 96990750 Color Perfect 11G
 96997523 Color Perfect BB
 96997544 Color Perfect B
 96997593 Color Perfect V
 96999399 Color Perfect 4BR
 96999642 Color Perfect 5BR
 96999694 Color Perfect 6WB
 96999819 Color Perfect 7WB
 96999837 Color Perfect 5RR
 98748073 Color Perfect 4A
 99360586 Color Perfect 8RG

· **Application of the substance / the mixture** Hair dye

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**

Coty Cosmetics, Inc.
 4500 Park Granada
 Calabasas, CA 91302
 USA

· **Information department:** Coty SDS Info Team

· **Emergency telephone number:**

CHEMTREC Emergency number: +1-703-527-3887
 CHEMTREC US/NA Emergency number(toll free): 800-424-9300

2 Hazard(s) identification

· **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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GHS07

*Acute Tox. 4 H302 Harmful if swallowed.**Skin Irrit. 2 H315 Causes skin irritation.**Skin Sens. 1 H317 May cause an allergic skin reaction.*· **Label elements**· **GHS label elements***The product is classified and labeled according to the Globally Harmonized System (GHS).*· **Hazard pictograms**

GHS02

GHS05

GHS07

· **Signal word** *Danger*· **Hazard-determining components of labeling:***2-[2-(dodecyloxy)ethoxy]ethanol**ammonia, anhydrous**2-Methylresorcinol**2-methyl-p-phenylenediamine sulphate**4-AMINO-M-CRESOL*· **Hazard statements***Flammable liquid and vapor.**Harmful if swallowed.**Causes skin irritation.**Causes serious eye damage.**May cause an allergic skin reaction.*· **Precautionary statements***Keep away from heat/sparks/open flames/hot surfaces. - No smoking.**Keep container tightly closed.**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**Wash thoroughly after handling.**Do not eat, drink or smoke when using this product.**Contaminated work clothing must not be allowed out of the workplace.**Wear protective gloves/protective clothing/eye protection/face protection.**If swallowed: Call a poison center/doctor if you feel unwell.**If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.**Continue rinsing.**Immediately call a poison center/doctor.**Specific treatment (see on this label).**Rinse mouth.**Take off contaminated clothing and wash it before reuse.**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 cool.**Dispose of contents/container in accordance with local/regional/national/international regulations.*

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

- **Dangerous components:**

3055-93-4	2-[2-(dodecyloxy)ethoxy]ethanol	>10-≤25%
112-80-1	Oleic Acid	>10-<20%
67-63-0	isopropyl alcohol	>2.5-<10%
7664-41-7	ammonia, anhydrous	>2.5-<5%
56-81-5	glycerol	>2.5-≤10%
	4-AMINO-M-CRESOL	≥0.1-<1%
615-50-9	2-methyl-p-phenylenediamine sulphate	≥0.1-<1%
	2-Methylresorcinol	≥0.1-<1%

4 First-aid measures

- **Description of first aid measures**
- **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **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. Then consult a doctor.
- **After swallowing:** Immediately call a 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.

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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.
- **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).
Use neutralizing agent.
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:**

112-80-1	Oleic Acid	220 mg/m ³
67-63-0	isopropyl alcohol	400 ppm
7664-41-7	ammonia, anhydrous	30 ppm
56-81-5	glycerol	45 mg/m ³
151-21-3	sodium dodecyl sulphate	3.9 mg/m ³
	RESORCINOL	20 ppm
7757-83-7	sodium sulphite	11 mg/m ³
139-33-3	Disodium EDTA	11 mg/m ³
5989-27-5	Limonene	15 ppm
4602-84-0	Farnesol	18 mg/m ³

- **PAC-2:**

112-80-1	Oleic Acid	2,400 mg/m ³
67-63-0	isopropyl alcohol	2000* ppm
7664-41-7	ammonia, anhydrous	160 ppm
56-81-5	glycerol	180 mg/m ³
151-21-3	sodium dodecyl sulphate	43 mg/m ³
	RESORCINOL	28 ppm
7757-83-7	sodium sulphite	120 mg/m ³
139-33-3	Disodium EDTA	120 mg/m ³
5989-27-5	Limonene	67 ppm
4602-84-0	Farnesol	200 mg/m ³

- **PAC-3:**

112-80-1	Oleic Acid	15,000 mg/m ³
67-63-0	isopropyl alcohol	12000** ppm

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7664-41-7	ammonia, anhydrous	1,100 ppm
56-81-5	glycerol	1,100 mg/m ³
151-21-3	sodium dodecyl sulphate	260 mg/m ³
	RESORCINOL	170 ppm
7757-83-7	sodium sulphite	710 mg/m ³
139-33-3	Disodium EDTA	730 mg/m ³
5989-27-5	Limonene	170 ppm
4602-84-0	Farnesol	1,200 mg/m ³

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.

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.
The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.
At this time, the remaining constituent has no known exposure limits.

67-63-0 isopropyl alcohol

PEL	Long-term value: 980 mg/m ³ , 400 ppm
REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI

7664-41-7 ammonia, anhydrous

PEL	Long-term value: 35 mg/m ³ , 50 ppm
REL	Short-term value: 27 mg/m ³ , 35 ppm Long-term value: 18 mg/m ³ , 25 ppm
TLV	Short-term value: 24 mg/m ³ , 35 ppm Long-term value: 17 mg/m ³ , 25 ppm

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56-81-5 glycerol

PEL Long-term value: 15* 5** mg/m³
mist; *total dust **respirable fraction

TLV TLV withdrawn-insufficient data human occup. exp.

· **Ingredients with biological limit values:**

67-63-0 isopropyl alcohol

BEI 40 mg/L
Medium: urine
Time: end of shift at end of workweek
Parameter: Acetone (background, nonspecific)

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

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **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 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:**

Form: Fluid

Color: According to product specification

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· Odor:	Characteristic
· Odor threshold:	Not determined.
· pH-value:	Not determined.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· Flash point:	35 °C (95 °F)
· Flammability (solid, gaseous):	Not applicable.
· 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:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
· Density:	Not determined.
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	10.9 %
Water:	31.6 %
VOC content:	8.01 %
	80.1 g/l / 0.67 lb/gal
Solids content:	2.4 %
· Other information	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.

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11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

3055-93-4 2-[2-(dodecyloxy)ethoxy]ethanol

Oral	LD50	500 mg/kg (rat)
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112-80-1 Oleic Acid

Oral	LD50	>2,000 mg/kg (rat) (bw)
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Dermal	LD50	>2,150 mg/kg (rabbit) (bw)
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67-63-0 isopropyl alcohol

Oral	LD50	5,840 mg/kg (rat) (bw (//OECD 401))
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Dermal	LD50	12,956 mg/kg (rabbit) (bw (//OECD 402))
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Inhalative	LC50/4 h	>24.578 mg/l (rat) (air (//OECD 403))
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7664-41-7 ammonia, anhydrous

Oral	LD50	350 mg/kg (rat)
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Inhalative	LC50/4 h	2,000 mg/l (rat)
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56-81-5 glycerol

Oral	LD50	23,000 mg/kg (rat)
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Dermal	LD50	56,745 mg/kg (rabbit)
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Inhalative	LC50/4 h	4,655 mg/l (rat)
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4-AMINO-M-CRESOL

Oral	LD50	1,200 mg/kg (rat)
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615-50-9 2-methyl-p-phenylenediamine sulphate

Oral	LD50	102 mg/kg (rat) (bw)
------	------	----------------------

Dermal	LD50	1,100 mg/kg (rabbit)
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Inhalative	LC50/4 h	1.77 mg/l (rat) (air (QSAR))
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2-Methylresorcinol

Oral	LD50	100 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Strong irritant with the danger of severe eye injury.

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

67-63-0	isopropyl alcohol	3
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	RESORCINOL	3
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5989-27-5	Limonene	3
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- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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· **OSHA-Ca (Occupational Safety & Health Administration)**

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.
 Must not reach bodies of water or drainage ditch undiluted or unneutralized.
 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.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|--|
| <ul style="list-style-type: none"> · UN-Number · DOT, IMDG, IATA | <p style="text-align: center;">UN1266</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · IMDG, IATA | <p style="text-align: center;">Perfumery products
PERFUMERY PRODUCTS</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="text-align: center;">  </div> |
| <ul style="list-style-type: none"> · Class · Label | <p style="text-align: center;">3 Flammable liquids
3</p> |
| <ul style="list-style-type: none"> · IMDG, IATA | <div style="text-align: center;">  </div> |
| <ul style="list-style-type: none"> · Class | <p style="text-align: center;">3 Flammable liquids</p> |

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· Label	3
· Packing group	
· DOT, IMDG, IATA	III
· Environmental hazards:	Not applicable.
· Special precautions for user	Warning: Flammable liquids
· Hazard identification number (Kemler code):	30
· EMS Number:	F-E,S-D
· Segregation groups	Alkalis
· Stowage Category	A
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1266 PERFUMERY PRODUCTS, 3, III

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Sara

· **Section 355 (extremely hazardous substances):**

7664-41-7	ammonia, anhydrous
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· **Section 313 (Specific toxic chemical listings):**

67-63-0	isopropyl alcohol
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7664-41-7	ammonia, anhydrous
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· **TSCA (Toxic Substances Control Act):**

All components have the value 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.

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· **Carcinogenic categories**· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

67-63-0 isopropyl alcohol

A4

RESORCINOL

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**

GHS02

GHS05

GHS07

· **Signal word** Danger· **Hazard-determining components of labeling:**

2-[2-(dodecyloxy)ethoxy]ethanol

ammonia, anhydrous

2-Methylresorcinol

2-methyl-p-phenylenediamine sulphate

4-AMINO-M-CRESOL

· **Hazard statements**

Flammable liquid and vapor.

Harmful if swallowed.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Keep container tightly closed.

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

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

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

If swallowed: Call a poison center/doctor if you feel unwell.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Rinse mouth.

Take off contaminated clothing and wash it before reuse.

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 cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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· **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:** Abteilung Umweltschutz

· **Contact:** Hr. Dr. Speckbacher

· **Date of preparation / last revision** 02/18/2020 / -

· **Abbreviations and acronyms:**

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

BEI: Biological Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1