Safety Data Sheet

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

1.1 Product identifier

Trade Name: POR-STRIP

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

No further relevant information available.

Application of the substance / the preparation: Paint remover

1.3 Details of the supplier of the Safety Data Sheet

Manufacturer/Supplier:

Absolute Coatings Inc.
38 Portman Road
New Rochelle, NY 10801
Phone: 1-800-221-8010

1.4 Emergency telephone number:

ChemTel Inc.
(800)255-3924, +1 (813)248-0585

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H361d.

The following Hazard Statements are applicable only to the general GHS regulations and not the specific CLP regulation: H361.

H361: Suspected of damaging fertility or the unborn child.

GHS08 health hazard

Carc. 2; H351: Suspected of causing cancer.
Repr. 2; H361d: Suspected of damaging the unborn child.
STOT SE 1; H370: Causes damage to organs.
STOT RE 2; H373: May cause damage to organs through prolonged or repeated exposure.
Asp. Tox. 1; H304: May be fatal if swallowed and enters airways.

GHS05 corrosion

Eye Dam. 1; H318: Causes serious eye damage.

GHS07

Skin Irrit. 2; H315: Causes skin irritation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

 T; Toxic

R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

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Xn; Harmful
R20/21/22-40-48/20-63-65: Harmful by inhalation, in contact with skin and if swallowed. Limited evidence of a carcinogenic effect. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Harmful: may cause lung damage if swallowed.

Xi; Irritant
R36: Irritating to eyes.

Information concerning particular hazards for human and environment:
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Classification system:
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the CLP regulation.
Hazard pictograms

GHS05 GHS08
Signal word: Danger
Hazard-determining components of labelling:
dichloromethane
4-nonylphenyl-polyethylene glycol
toluene
methanol

Hazard statements
The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H361d.
The following Hazard Statements are applicable only to the general GHS regulations and not the specific CLP regulation: H361.
H361: Suspected of damaging fertility or the unborn child. (General GHS and USA only)
H315: Causes skin irritation.
H318: Causes serious eye damage.
H351: Suspected of causing cancer.
H361d: Suspected of damaging the unborn child.

Precautionary statements
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use.
P281: Use personal protective equipment as required.
P260: Do not breathe mist/vapours/spray.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.

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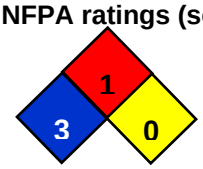
Additional information:
Can become highly flammable in use.
Hazard description:
WHMIS-symbols:
D1B - Toxic material causing immediate and serious toxic effects
D2A - Very toxic material causing other toxic effects.

NFPA ratings (scale 0 - 4)



Health = 3
Fire = 1
Reactivity = 0

HMIS-ratings (scale 0 - 4)

HEALTH	*3	
FIRE	1	
REACTIVITY	0	

Health = *3
Fire = 1
Reactivity = 0

* - Indicates a long term health hazard from repeated or prolonged exposures.

HMIS Long Term Health Hazard Substances	
75-09-2	Dichloromethane
67-56-1	Methanol
108-88-3	Toluene

2.3 Other hazards
Ingestion: Poison!! Ingestion may be fatal or cause blindness. Cannot be made nonpoisonous.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

3 Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with nonhazardous additions.
Dangerous components:

CAS: 75-09-2 EINECS: 200-838-9 Index number: 602-004-00-3	Dichloromethane Xn R40; Carc. Cat. 3 Carc. 2, H351	60-100%
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X	Methanol T R23/24/25-39/23/24/25; F R11 Flam. Liq. 2, H225 Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331 STOT SE 1, H370	7-13%
CAS: 108-88-3 EINECS: 203-625-9 Index number: 601-021-00-3	toluene Xn R48/20-63-65; Xi R38; F R11; R67; Repr. Cat. 3 Flam. Liq. 2, H225 Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304 Skin Irrit. 2, H315; STOT SE 3, H336	5-10%

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CAS: 9016-45-9	4-nonylphenyl-polyethylene glycol Xi R41; N R50 Eye Dam. 1, H318 Aquatic Acute 1, H400	1-5%

Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

4.1 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.
Take affected persons out into the fresh air.
After inhalation:
Supply fresh air. Seek immediate medical advice.
In case of irregular breathing or respiratory arrest provide artificial respiration.
Do not use mouth to mouth or mouth to nose resuscitation.
Use a respiratory bag or breathing device.
In case of unconsciousness place patient stably in side position for transportation.
After skin contact:
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
After eye contact:
Remove contact lenses if worn.
Rinse opened eye for several minutes under running water. Then consult a doctor.
After swallowing:
Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.
A person vomiting while laying on their back should be turned onto their side.
4.2 Most important symptoms and effects, both acute and delayed
Dizziness
Headache
Nausea
Cramp
Disorientation
Breathing difficulty
Unconsciousness
Blindness
Acne
Hazards:
Danger of impaired breathing.
Danger of pulmonary oedema.
Danger of convulsion.
Danger of disturbed cardiac rhythm.
4.3 Indication of any immediate medical attention and special treatment needed
Contains methanol. Consult literature for specific antidotes.
If swallowed, gastric irrigation with added, activated carbon.
Contains methylene chloride.
Monitor circulation, possible shock treatment.
If necessary oxygen respiration treatment.
Later observation for pneumonia and pulmonary oedema. Medical supervision for at least 48 hours.
If swallowed or in case of vomiting, danger of entering the lungs.

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5 Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
Alcohol resistant foam
Foam
Fire-extinguishing powder
Gaseous extinguishing agents
Carbon dioxide
Water haze or fog
For safety reasons unsuitable extinguishing agents:
Water with full jet
Water spray
5.2 Special hazards arising from the substance or mixture
During heating or in case of fire poisonous gases are produced.
5.3 Advice for firefighters
Protective equipment:
Wear self-contained respiratory protective device.
Wear fully protective suit.
Additional information:
Eliminate all ignition sources if safe to do so.
Cool endangered receptacles with water fog or haze.
Use large quantities of foam as it is partially destroyed by the product.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use respiratory protective device against the effects of fumes/dust/aerosol.
Wear protective equipment. Keep unprotected persons away.
Particular danger of slipping on leaked/spilled product.
Ensure adequate ventilation
6.2 Environmental precautions:
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Send for recovery or disposal in suitable receptacles.
Dispose contaminated material as waste according to item 13.
Do not flush with water or aqueous cleansing agents
6.4 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.

7 Handling and storage

7.1 Precautions for safe handling
Use only in well ventilated areas.
Ensure good ventilation/exhaustion at the workplace.
Take note of emission threshold.
Prevent formation of aerosols.

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Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Substance/product is self extinguishing, but can burn when combined with flammable material.
Protect from heat.
Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities
Storage:
Requirements to be met by storerooms and receptacles:
Provide ventilation for receptacles.
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Store away from foodstuffs.
Store away from oxidizing agents.
Do not store together with alkalis (caustic solutions).
Do not store together with acids.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Keep container tightly sealed.
Store receptacle in a well ventilated area.
7.3 Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.
8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
75-09-2 dichloromethane	
PEL (USA)	Short-term value: 125 ppm Long-term value: 25 ppm see 29 CFR 1910,1052
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 174 mg/m³, 50 ppm BEI
EL (Canada)	Long-term value: 25 ppm IARC 2B
EV (Canada)	Long-term value: 175 mg/m³, 50 ppm
67-56-1 methanol	
IOELV (EU)	Long-term value: 260 mg/m³, 200 ppm Skin
PEL (USA)	Long-term value: 260 mg/m³, 200 ppm
REL (USA)	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin
TLV (USA)	Short-term value: 328 mg/m³, 250 ppm Long-term value: 262 mg/m³, 200 ppm Skin; BEI

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EL (Canada)	Short-term value: 250 ppm Long-term value: 200 ppm Skin
EV (Canada)	Short-term value: 325 mg/m³, 250 ppm Long-term value: 260 mg/m³, 200 ppm Skin
108-88-3 toluene	
PEL (USA)	Short-term value: C 300; 500* ppm Long-term value: 200 ppm *10-min peak per 8-hr shift
REL (USA)	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm
TLV (USA)	Long-term value: 75 mg/m³, 20 ppm BEI
EL (Canada)	Long-term value: 20 ppm R
EV (Canada)	Long-term value: 20 ppm

DNELs: No further relevant information available.
PNECs: No further relevant information available.
Ingredients with biological limit values:

75-09-2 dichloromethane

BEI (USA)	0.3 mg/L Medium: urine Time: end of shift Parameter: Dichloromethane (semi-quantitative)

67-56-1 methanol

BEI (USA)	15 mg/L Medium: urine Time: end of shift Parameter: Methanol (background, nonspecific)

108-88-3 toluene

BEI (USA)	0.02 mg/L Medium: blood Time: prior to last shift of workweek Parameter: Toluene
	0.03 mg/L Medium: urine Time: end of shift Parameter: Toluene
	0.3 mg/g creatinine Medium: urine Time: end of shift Parameter: o-Cresol with hydrolysis (background)

Additional information: The lists valid during the making were used as basis.
8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

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Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Do not inhale gases / fumes / aerosols.
Avoid contact with the eyes and skin.

Respiratory protection:

Combined Organic Vapor and Particulate Respirator is recommended for use during all processing activities.

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 cannot 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:

Contact lenses should not be worn.

Safety glasses

Body protection:

Full head, face and neck protection

Boots

Apron

Solvent resistant protective clothing

Limitation and supervision of exposure into the environment

No further relevant information available.

Risk management measures

See Section 7 for additional information.
No further relevant information available.

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9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Appearance:	
Form:	Liquid
Colour:	Colourless
Odour:	Strong
Odour threshold:	Not determined.
pH-value:	Not determined.
Change in condition	
Melting point/Melting range:	-143 ° F / -97 °C
Boiling point/Boiling range:	>102 ° F / >39 °C
Flash point:	Product not expected to support sustained combustion.
Flammability (solid, gaseous):	Product is not flammable.
Ignition temperature:	1033 ° F / 556 °C
Decomposition temperature:	248 ° F / 120 °C
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	12 Vol %
Upper:	19 Vol %
Vapour pressure at 20 °C:	348.8 mmHg
Density:	1.225 g/cm³
Relative density:	Not determined.
Vapour density:	2.93 (Calculated)
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:	
VOC (California):	18 % Wt / 27 % Vol (Max - 148.32 g/L)
Solids content:	None
9.2 Other information:	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability:

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications

10.3 Possibility of hazardous reactions

Toxic fumes may be released if heated above the decomposition point.

Reacts with peroxides and other radical forming substances.

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Reacts with strong acids.
Reacts with aluminium at raised temperatures.
Reacts with amines.
Reacts with strong oxidizing agents.

10.4 Conditions to avoid:
Store away from oxidizing agents.
Keep away from heat and direct sunlight.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products:
Formaldehyde
Phosgene
Hydrogen chloride (HCl)
Carbon monoxide and carbon dioxide
Danger of forming toxic pyrolysis products.

11 Toxicological information

11.1 Information on toxicological effects
Acute toxicity:

LD/LC50 values relevant for classification:		
75-09-2 dichloromethane		
Oral	LD50	1600 mg/kg (rat)
Inhalative	LC50/4 h	88 mg/l (rat)
67-56-1 methanol		
Oral	LD50	5628 mg/kg (rat)
Dermal	LD50	15800 mg/kg (rabbit)
108-88-3 toluene		
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rabbit)
Inhalative	LC50/4 h	5320 mg/l (mouse)

Primary irritant effect:
On the skin: Irritant to skin and mucous membranes.
On the eye: Irritating effect.
Sensitization: No sensitizing effects known.
Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
Harmful
Irritant
May cause acne.
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
Toxic and/or corrosive effects may be delayed up to 48 hours.
Repeated dose toxicity:
May cause damage to organs through prolonged or repeated exposure.
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):
Carc. 2, Repr. 2

12 Ecological information

12.1 Toxicity
Aquatic toxicity: The product contains materials that are harmful to the environment.
12.2 Persistence and degradability: The product is partially biodegradable. Significant residuals remain.

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12.3 Bioaccumulative potential: May be accumulated in organism
12.4 Mobility in soil: No further relevant information available.
Additional ecological information:
General notes:
This statement was deduced from the properties of the single components.
Avoid transfer into the environment.
Due to available data on eliminability/decomposition and bioaccumulation potential prolonged term damage of the environment can not be excluded.
Water hazard class 2 (German Regulation) (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.
12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Other adverse effects: No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods
Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.
Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

14 Transport information

14.1 UN-Number
DOT, ADR, IMDG, IATA: UN1593

14.2 UN proper shipping name
DOT, IMDG, IATA: Dichloromethane Solution
ADR: 1593, Dichloromethane Solution

14.3 Transport hazard class(es)
DOT

Class: 6.1 Toxic substances.
Label: 6.1

ADR

Class: 6.1 (T1) Toxic substances.
Label: 6.1

IMDG, IATA

Class: 6.1 Toxic substances.
Label: 6.1

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14.4 Packing group	
DOT, ADR, IMDG, IATA:	III
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user:	Warning: Flammable liquids.
Danger code (Kemler):	30
EMS Number:	F-A,S-A
Segregation groups:	Liquid halogenated hydrocarbons
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ):	5L
Transport category:	2
Tunnel restriction code:	E
UN "Model Regulation":	UN1593, Dichloromethane Solution, 6.1 III

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
United States (USA)
SARA

Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
Section 313 (Specific toxic chemical listings):	
75-09-2	Dichloromethane
67-56-1	Methanol
108-88-3	Toluene
TSCA (Toxic Substances Control Act):	
All ingredients are listed.	

Proposition 65 (California):

Chemicals known to cause cancer:	
75-09-2	Dichloromethane
Chemicals known to cause reproductive toxicity for females:	
108-88-3	Toluene
Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
Chemicals known to cause developmental toxicity:	
67-56-1	Methanol
108-88-3	Toluene

Carcinogenic Categories

EPA (Environmental Protection Agency)		
75-09-2	Dichloromethane	B2
108-88-3	Toluene	II

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IARC (International Agency for Research on Cancer)		
75-09-2	Dichloromethane	2B
108-88-3	Toluene	3
TLV (Threshold Limit Value established by ACGIH)		
75-09-2	Dichloromethane	A3
108-88-3	Toluene	A4
NIOSH-Ca (National Institute for Occupational Safety and Health)		
None of the ingredients is listed.		
OSHA-Ca (Occupational Safety & Health Administration)		
75-09-2	Dichloromethane	

Canada

Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
Canadian Ingredient Disclosure list (limit 0.1%)	
75-09-2	Dichloromethane
Canadian Ingredient Disclosure list (limit 1%)	
67-56-1	Methanol
108-88-3	Toluene

15.2 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.

H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H331: Toxic if inhaled.
H336: May cause drowsiness or dizziness.
H351: Suspected of causing cancer.
H361d: Suspected of damaging the unborn child.
H370: Causes damage to organs.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.

R11: Highly flammable.
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R38: Irritating to skin.
R39/23/24/25: Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R40: Limited evidence of a carcinogenic effect.
R41: Risk of serious damage to eyes.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50: Very toxic to aquatic organisms.
R63: Possible risk of harm to the unborn child.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.

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Abbreviations and Acronyms:

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
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
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)
WHMIS: Workplace Hazardous Materials Information System (Canada)
DNEL: Derived No-Effect Level (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent