

Melbourne Nails Australia P/L

Chernwatch: 43-7275 Version No: 2.1.1.1 Safety Data Sheet according to WHS and ADG requirements Chemwatch Hazard Alert Code: 4

Issue Date: 17/10/2014 Print Date: 06/06/2017 S.GHS.AUS.EN

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	Impact-A Fuel Cell
Proper shipping name	AEROSOLS
Other means of identification	Not Available
Relevant identified uses of the substance or mixture and uses advised against	

Relevant identified uses Fuel cell cartridges contained in equipment or fuel cell cartridges containing liquefied flammable gas. Used according to manufacturer's directions. Used to activate cordless nail gun, bradder concrete gun.

Details of the supplier of the safety data sheet

Registered company name	Melbourne Nails Australia P/L
Address	65 Banbury Road Victoria 3073 Australia
Telephone	+61394621907
Fax	Not Available
Website	www.melbnails.com.au/
Email	sales@melbnails.com.au

Emergency telephone number

Association / Organisation	Melbourne Nails Australia
Emergency telephone numbers	+61394605322
Other emergency telephone numbers	Not Available

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

HAZARDOUS CHEMICAL. DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

CHEMWATCH HAZARD RATINGS

	Min	Max	1
Flammability	4		1
Toxicity	1		0 = Minimum
Body Contact	0		1 = Low
Reactivity	2		3 = High
Chronic	0		4 = Extreme

Poisons Schedule	Not Applicable
Classification ^[1]	Aerosols Category 1, Gas under Pressure (Compressed gas)
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HSIS ; 3. Classification drawn from EC Directive 1272/2008 - Annex VI
Label elements	
Hazard pictogram(s)	
SIGNAL WORD	DANGER

H222	Extremely flammable aerosol.	
H280	Contains gas under pressure; may explode if heated.	
AUH044 Risk of explosion if heated under confinement		
Precautionary statement(s) Prevention		
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.	
P211	Do not spray on an open flame or other ignition source.	

Precautionary statement(s) Response

P251

Not Applicable

Precautionary statement(s) Storage

P410+P403	Protect from sunlight. Store in a well-ventilated place.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Pressurized container: Do not pierce or burn, even after use.

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
		mixture of
74-98-6		propane
		and
106-97-8.		butane
		as
68476-85-7.	20-99	hydrocarbon propellant
68513-65-5	balance	butane mixtures

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	 If aerosols come in contact with the eyes: Immediately hold the eyelids apart and flush the eye with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay; if pain persists or recurs seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If solids or aerosol mists are deposited upon the skin: Flush skin and hair with running water (and soap if available). Remove any adhering solids with industrial skin cleansing cream. DO NOT use solvents. Seek medical attention in the event of irritation.
Inhalation	If aerosols, fumes or combustion products are inhaled: Remove to fresh air. Lay patient down. Keep warm and rested. Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary. Transport to hospital, or doctor.
Ingestion	Not considered a normal route of entry.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

SMALL FIRE:

• Water spray, dry chemical or CO2 LARGE FIRE:

Water spray or fog.

Special hazards arising from the substrate or mixture

Fire Incompatibility + Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may result

Advice for firefighters	
Fire Fighting	 Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course.
Fire/Explosion Hazard	 Liquid and vapour are highly flammable. Severe fire hazard when exposed to heat or flame. Vapour forms an explosive mixture with air. Severe explosion hazard, in the form of vapour, when exposed to flame or spark. Combustion products include: , carbon dioxide (CO2) , other pyrolysis products typical of burning organic material. Contains low boiling substance: Closed containers may rupture due to pressure buildup under fire conditions.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	 Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Wear protective clothing, impervious gloves and safety glasses. Shut off all possible sources of ignition and increase ventilation.
Major Spills	 Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. May be violently or explosively reactive. Wear breathing apparatus plus protective gloves.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

	-	
Safe handling	 Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. [Remove all sources of ignition.]When handling DO NOT eat, drink or smoke.]Always wash hands with soap and water after handling. 	
Other information	 Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can Store in original containers in approved flammable liquid storage area. DO NOT store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources. Keep containers securely sealed. 	
Conditions for safe storage, including any incompatibilities		
Suitable container	► Aerosol dispenser.	

Suitable container	 Aerosol dispenser. Check that containers are clearly labelled.
	Butane/ isobutane

	 reacts violently with strong oxidisers reacts with acetylene, halogens and nitrous oxides
Storage incompatibility	▶ is incompatible with chlorine dioxide, conc. nitric acid and some plastics
	may generate electrostatic charges, due to low conductivity, in flow or when agitated - these may ignite the vapour.
	Segregate from nickel carbonyl in the presence of oxygen, heat (20-40 C)

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australia Exposure Standards	propane	Propane	Not Available	Not Available	Not Available	Asphyxiant
Australia Exposure Standards	butane	Butane	1900 mg/m3 / 800 ppm	Not Available	Not Available	Not Available
Australia Exposure Standards	hydrocarbon propellant	LPG (liquified petroleum gas)	1800 mg/m3 / 1000 ppm	Not Available	Not Available	Not Available

EMERGENCY LIMITS

Ingredient Material name TEEL-1	TEEL-2	TEEL-3	
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propane	Propane	Not Available Not Available Im gas; (L.P.G.) 65,000 ppm		Not Available	Not Available	
butane	Butane			Not Available	Not Available	
hydrocarbon propellant	Liquified petroleum gas; (L.P.G.)			2.30E+05 ppm	4.00E+05 ppm	
butane mixtures	Methylpropane, 2-; (Isobutane)	5500 ppm		17000 ppm	53000 ppm	
Ingredient	Original IDLH	riginal IDLH		Revised IDLH		
propane	20,000 [LEL] ppm		2,100 [LEI	2,100 [LEL] ppm		
butane	Not Available Not Available					
hydrocarbon propellant	19,000 [LEL] ppm		2,000 [LEI	_] ppm		
butane mixtures	Not Available		Not Available Not Available			

Exposure controls

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are: Process controls which involve changing the way a job activity or process is done to reduce the risk. Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.
Personal protection	
Eye and face protection	No special equipment for minor exposure i.e. when handling small quantities. OTHERWISE: For potentially moderate or heavy exposures: • Safety glasses with side shields. • NOTE: Contact lenses pose a special hazard; soft lenses may absorb irritants and ALL lenses concentrate them.
Skin protection	See Hand protection below
Hands/feet protection	 No special equipment needed when handling small quantities. OTHERWISE: For potentially moderate exposures: Wear general protective gloves, eg. light weight rubber gloves. For potentially heavy exposures: Wear chemical protective gloves, eg. PVC. and safety footwear.
Body protection	See Other protection below
Other protection	 The clothing worn by process operators insulated from earth may develop static charges far higher (up to 100 times) than the minimum ignition energies for various flammable gas-air mixtures. This holds true for a wide range of clothing materials including cotton. Avoid dangerous levels of charge by ensuring a low resistivity of the surface material worn outermost. BRETHERICK: Handbook of Reactive Chemical Hazards. No special equipment needed when handling small quantities. OTHERWISE: Overalls. Skin cleansing cream. Eyewash unit.
Thermal hazards	Not Available

Respiratory protection

Type GAX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Where the concentration of gas/particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Degree of protection varies with both face-piece and Class of filter; the nature of protection varies with Type of filter.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	GAX-AUS	-	GAX-PAPR-AUS / Class 1
up to 50 x ES	-	GAX-AUS / Class 1	-
up to 100 x ES	-	GAX-2	GAX-PAPR-2 ^

^ - Full-face

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	22flamlgas Colourless odourless liquefied gas; slightly miscible with water.		
Physical state	Liquified Gas Relative density (Water = 1) 0.54 (liquid form)		0.54 (liquid form)
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	494

pH (as supplied)	Not Applicable	Decomposition temperature	Not Available
Melting point / freezing point (°C)	-184.5 (freezing point)	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	-42 to 0	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	-104 to -60	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	HIGHLY FLAMMABLE.	Oxidising properties	Not Available
Upper Explosive Limit (%)	96	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	1.5	Volatile Component (%vol)	100
Vapour pressure (kPa)	690 @21.2C	Gas group	Not Available
Solubility in water (g/L)	Partly Miscible	pH as a solution (1%)	Not Applicable
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity	See section 7
Chemical stability	 Elevated temperatures. Presence of open flame. Product is considered stable. Hazardous polymerisation will not occur. Presence of heat source Presence of an ignition source
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhaled	Inhalation of vapours may cause drowsiness and dizziness. This may be accompanied by sleepiness, reduced alertness, loss of reflexes, lack of co-ordination, and vertigo. There is some evidence to suggest that the material can cause respiratory irritation in some persons. The body's response to such irritation can cause further lung damage. Isobutane produces a dose dependent action and at high concentrations may cause numbness, suffocation, exhilaration, dizziness, headache, nausea, confusion, incoordination and unconsciousness in severe cases. The vapour is discomforting WARNING:Intentional misuse by concentrating/inhaling contents may be lethal.		
Ingestion	Not normally a hazard due to physical form of product. Considered an unlikely route of entry in commercial/industrial environments		
Skin Contact	Repeated exposure may cause skin cracking, flaking or drying following normal handling and use. Spray mist may produce discomfort Open cuts, abraded or irritated skin should not be exposed to this material		
Eye	Although the material is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn). Not considered to be a risk because of the extreme volatility of the gas.		
Chronic	Main route of exposure to the gas in the workplace is by inhalation. WARNING: Aerosol containers may present pressure related hazards.		
Impost A Fuel Cell	TOXICITY	IRRITATION	
impact-A Fuel Cell	Not Available	Not Available	
	тохісіту	IRRITATION	
	Inhalation (rat) LC50: >50000 ppm15 min ^[1]	Not Available	
propane	Inhalation (rat) LC50: 35625 ppm15 min ^[1]		
	Inhalation (rat) LC50: 84.6875 mg/l15 min ^[1]		
	Inhalation (rat) LC50: 90.1875 mg/l15 min ^[1]		
	тохісіту	IRRITATION	
	Inhalation (rat) LC50: >50000 ppm15 min ^[1]	Not Available	
butane	Inhalation (rat) LC50: 35625 ppm15 min ^[1]	1 1 1	
	Inhalation (rat) LC50: 84.6875 mg/l15 min ^[1]		

	Inhalation (rat) LC50: 90.1875 mg/l15 min ^[1]	
	TOXICITY	IRRITATION
	Inhalation (rat) LC50: >50000 ppm15 min ^[1]	Not Available
	Inhalation (rat) LC50: >50000 ppm15 min ^[1]	
hydrocarbon propellant	Inhalation (rat) LC50: 35625 ppm15 min ^[1]	
	Inhalation (rat) LC50: 84.6875 mg/l15 min ^[1]	
	Inhalation (rat) LC50: 90.1875 mg/l15 min ^[1]	
	Inhalation (rat) LC50: 90.1875 mg/l15 min ^[1]	
	TOXICITY	IRRITATION
	Inhalation (rat) LC50: >50000 ppm15 min ^[1]	Not Available
butane mixtures	Inhalation (rat) LC50: 35625 ppm15 min ^[1]	
	Inhalation (rat) LC50: 84.6875 mg/l15 min ^[1]	
	Inhalation (rat) LC50: 90.1875 mg/l15 min ^[1]	
Legend:	1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2 extracted from PTECS_ Pagister of Taxis Effect of chemical Substances	* Value obtained from manufacturer's SDS. Unless otherwise specified data
extracted from RTECS - Register of Toxic Enect of Chemical Substances		

HYDROCARBON PROPELLANT	inhalation of the gas	
PROPANE & HYDROCARBON PROPELLANT	No significant acute toxicological data identified in literature search.	
A auto Tauisitu	O consistential constitution	8
Acute Toxicity	Carcinogenicity	0
Skin Irritation/Corrosion	S Reproductivity	\otimes
Serious Eye Damage/Irritation	STOT - Single Exposure	\otimes
Respiratory or Skin sensitisation	STOT - Repeated Exposure	0
Mutagenicity	S Aspiration Hazard	0
	Legend: 🗙	– Data available but does not fill the criteria for classification – Data available to make classification

🚫 – Data Not Available to make classification

SECTION 12 ECOLOGICAL INFORMATION

icity					
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
Impact-A Fuel Cell	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	10.307mg/L	3
propane	EC50	96	Algae or other aquatic plants	32.252mg/L	3
	EC50	384	Crustacea	2.462mg/L	3
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
h	LC50	96	Fish	5.862mg/L	3
butane	EC50	96	Algae or other aquatic plants	15.346mg/L	3
	EC50	384	Crustacea	1.416mg/L	3
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
hydrocarbon propellant	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
	LC50	96	Fish	6.706mg/L	3
butane mixtures	EC50	96	Algae or other aquatic plants	18.064mg/L	3
	EC50	384	Crustacea	1.617mg/L	3

Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12

(QSAR) - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
propane	LOW	LOW
butane	LOW	LOW
butane mixtures	HIGH	HIGH

Bioaccumulative potential

Ingredient	Bioaccumulation
propane	LOW (LogKOW = 2.36)
butane	LOW (LogKOW = 2.89)
butane mixtures	LOW (BCF = 1.97)

Mobility in soil

Ingredient	Mobility
propane	LOW (KOC = 23.74)
butane	LOW (KOC = 43.79)
butane mixtures	LOW (KOC = 35.04)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

► Consult State Land Waste Management Authority for disposal. Product / Packaging Discharge contents of damaged aerosol cans at an approved site. disposal Allow small quantities to evaporate. • DO NOT incinerate or puncture aerosol cans.

SECTION 14 TRANSPORT INFORMATION

Labels Required



UN number	1950		
UN proper shipping name	AEROSOLS		
Transport hazard class(es)	Class2.1SubriskNot Applicable		
Packing group	Not Applicable		
Environmental hazard	Not Applicable		
Special precautions for user	Special provisions 63 190 277 327 344 Limited quantity 1000ml		

Air transport (ICAO-IATA / DGR)

UN number	1950
UN proper shipping name	Aerosols, flammable; Aerosols, flammable (engine starting fluid)
Transport hazard class(es)	ICAO/IATA Class2.1ICAO / IATA SubriskNot ApplicableERG Code10L
Packing group	Not Applicable
Environmental hazard	Not Applicable

	Special provisions	A145A167A802; A1A145A167A802
	Cargo Only Packing Instructions	203
Special precautions for user	Cargo Only Maximum Qty / Pack	150 kg
	Passenger and Cargo Packing Instructions	203; Forbidden
	Passenger and Cargo Maximum Qty / Pack	75 kg; Forbidden
	Passenger and Cargo Limited Quantity Packing Instructions	Y203; Forbidden
	Passenger and Cargo Limited Maximum Qty / Pack	30 kg G; Forbidden

Sea transport (IMDG-Code / GGVSee)

UN number	1950	
UN proper shipping name	AEROSOLS	
Transport hazard class(es)	IMDG Class 2 IMDG Subrisk N	1 ot Applicable
Packing group	Not Applicable	
Environmental hazard	Not Applicable	
Special precautions for user	EMS Number Special provisions Limited Quantities	F-D, S-U 63 190 277 327 344 959 1000ml

Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

SECTION 15 REGULATORY INFORMATION

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

PROPANE(74-98-6) IS FOUND	ON THE FOLLOWING REGULATORY LISTS	
Australia Exposure Standards		Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances Information System - Consolidated Lists		International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft
BUTANE(106-97-8.) IS FOUND	ON THE FOLLOWING REGULATORY LISTS	
Australia Exposure Standards		Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances	Information System - Consolidated Lists	International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft
HYDROCARBON PROPELLA	NT(68476-85-7.) IS FOUND ON THE FOLLOWING REGULAT	DRY LISTS
Australia Exposure Standards		Australia Inventory of Chemical Substances (AICS)
Australia Hazardous Substances	Information System - Consolidated Lists	International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List Passenger and Cargo Aircraft
BUTANE MIXTURES(68513-65	-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS	
Australia Hazardous Substances Information System - Consolidated Lists		International Air Transport Association (IATA) Dangerous Goods Regulations - Prohibited List
Australia Inventory of Chemical Substances (AICS)		Passenger and Cargo Aircraft
National Inventory	Status	
Australia - AICS	Y	
Canada - DSL	Y	
Canada - NDSL	N (butane; hydrocarbon propellant; propane; butane mixtures)	
China - IECSC	Y	
Europe - EINEC / ELINCS / NLP	Υ	
Japan - ENCS	N (butane; propane; butane mixtures)	
Korea - KECI	Y	
New Zealand - NZIoC	Y	
Philippines - PICCS	Y	
USA - TSCA		
00.1 100.1	Y	

SECTION 16 OTHER INFORMATION

Other information

Name	CAS No
hydrocarbon propellant	68476-85-7., 68476-86-8.
butane mixtures	68513-65-5, 75-28-5

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chernwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC-TWA: Permissible Concentration-Time Weighted Average

 ${\sf PC-STEL}: {\sf Permissible \ Concentration-Short \ Term \ Exposure \ Limit}$

IARC: International Agency for Research on Cancer

ACGIH: American Conference of Governmental Industrial Hygienists

STEL: Short Term Exposure Limit TEEL: Temporary Emergency Exposure Limit。

IDLH: Immediately Dangerous to Life or Health Concentrations

OSF: Odour Safety Factor

NOAEL :No Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

TLV: Threshold Limit Value

LOD: Limit Of Detection OTV: Odour Threshold Value

BCF: BioConcentration Factors

BEI: Biological Exposure Index

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end of SDS