

Safety Data Sheet

Revision nr. 9

Dated 01/12/2012

Printed on 03/07/2013

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SPRAY - AVEL TENAX TEINTURE SPRAY 150mL/400 mL

Prepared according to U.S. OSHA, CMA,ANSI,Canadian WHMIS,Australian WorkSafe,Japanese Industrial Standard JIS Z 7250:2000, And European Union REACH Regulations

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

1.1. Product identifier

Code: 0823/0827
Product name: AVEL TENAX TEINTURE SPRAY 150mL/400 ML
UN number: 1950
UN Dangerous Good Class: CLASS 2.1 Aerosol flammable

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

Intended use: DYE FOR LEATHER

1.3. Details of the supplier of the safety data sheet

Name: AVEL
Full address: LOMBRE
District and Country: 16320 MAGNAC LAVALETTE
FRANCE
Tel. +33(0)5 45 64 74 74
Fax. +33(0)5 45 64 77 36

e-mail address of the competent person:

responsible for the Safety Data Sheet: brigitte-terrien@avel.com

1.4. Emergency telephone number : Customer Service USA/Canada : 603-287-1178. For chemical Emergency ONLY (spill,leak, fire, exposure, or accident, call CHEMTREC AT 1-800-424-9300

2. Hazards identification.

EMERGENCY OVERVIEW:

Product Description: This product is a clear liquid with a slight odor.

Health Hazards: Harmful: danger of serious damage to health by prolonged exposure through inhalation. Harmful: may cause lung damage if swallowed. Irritating to eyes and skin. Vapors may cause drowsiness and dizziness.

Flammability Hazards: This product is Highly Flammable

Reactivity Hazards: None known.

Environmental Hazards: No data available on this product and its effects on aquatic life if released into the environment.

Emergency Considerations: Emergency responders must wear the proper personal protective equipment (and have appropriate fire-suppression equipment) suitable for the situation to which they are responding.

2.1. Classification of the substance or mixture.

The product is classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

2.1.1. Regulation 1272/2008 (CLP) and following amendments and adjustments.

Hazard classification and indication:

Flam. Aerosol 1	H222
Eye Irrit. 2	H319
STOT SE 3	H336
	EUH066

2.1.2. Directive 67/548/EEC and following amendments and adjustments.

Danger Symbols:

F+-Xi

R phrases:

12-36-66-67

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

2.2. Label elements.

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Pictograms:

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Warning:



Danger

US DOT SYMBOLS



CANADA (WHMIS) SYMBOLS



Hazard indication:

H222	Extremely flammable aerosol.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.

Caution recommendations:

P210	Keep away from heat / sparks / open flames / hot surfaces. No smoking.
P264	Wash . . . thoroughly after handling.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor / physician if you feel unwell.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.

Contains: 606-001-00-8 ACETON

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C/ 122°F. Do not pierce or burn, even after use.

Do not spray on bright flame or any incandescent material.

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

P101 Keep out of the reach of the children. P102 If medical advice is needed, have product container or label at hand.

2.3. Other hazards.

Information not available.

3. Composition/information on ingredients.

3.1. Substances.

Information not relevant.

3.2. Mixtures.

Contains:

Identification.	Conc. %.	Classification 67/548/EEC.	Classification 1272/2008 (CLP).
DIMETHYLETHER CAS. 115-10-6 EC. 204-065-8 INDEX. 603-019-00-8 Reg. no. 01-2119472128-37-xxxx	30 - 50	R 1	Flam. Gas 1 H220, Press. Gas H280, Note P
ACETON CAS. 67-64-1 EC. 200-662-2 INDEX. 606-001-00-8 Reg. no. 01-2119471330-49	20 - 30	R66, R67, F R11, Xi R36	Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, Note P

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ETHYL ACETATE

CAS. 141-78-6

15 - 20

R66, R67, F R11, Xi R36

Flam. Liq. 2 H225, Eye Irrit. 2 H319, STOT SE 3 H336, EUH066

EC. 205-500-4

INDEX. 607-022-00-5

Reg. no. 01-2119475103-46

N-BUTYL ACETATE

CAS. 123-86-4

5 - 15

R10, R66, R67

Flam. Liq. 3 H226, STOT SE 3 H336, EUH066

EC. 204-658-1

INDEX. 607-025-00-1

Reg. no. 01-2119485493-29

T+ = Very Toxic(T+), T = Toxic(T), Xn = Harmful(Xn), C = Corrosive(C), Xi = Irritant(Xi), O = Oxidizing(O), E = Explosive(E), F+ = Extremely Flammable(F+), F = Highly Flammable(F), N = Dangerous for the Environment(N)

The full wording of the Risk (R) and hazard (H) phrases is given in section 16 of the sheet.

4. First aid measures.

4.1. Description of first aid measures.

EYES: Irrigate copiously with clean, fresh water for at least 15 minutes. Seek medical advice.

SKIN: Wash immediately with plenty of water. Remove contaminated clothing. If irritation persists, seek medical attention. Wash contaminated clothing before using them again.

INHALATION: Remove to open air. If breathing is irregular, seek medical advice.

INGESTION: Obtain immediate medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed.

For symptoms and effects caused by the contained substances see chap. 11.

4.3. Indication of any immediate medical attention and special treatment needed.

Follow doctor's orders.

5. Firefighting measures.

5.1. Extinguishing media.

SUITABLE EXTINGUISHING MEDIA

The extinction equipment should contain carbon dioxide, foam or chemical powders. For product leaks and spills that have not caught fire, nebulised water can be used to dispel flammable fumes and protect the individuals taking part in stemming the leak.

EXTINGUISHING MEDIA WHICH SHALL NOT BE USED FOR SAFETY REASONS

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

5.2. Special hazards arising from the substance or mixture.

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion.

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc).

5.3. Advice for firefighters.

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Hardhat with visor, fireproof clothing (fireproof jacket and trousers with ties around arms, legs and waist) work gloves (fireproof, cut proof and antistatic), self-respirator (self-protector).

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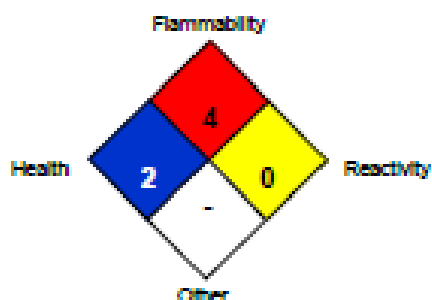
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NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)	2		
FLAMMABILITY HAZARD (RED)	4		
PHYSICAL HAZARD (YELLOW)	1		
PROTECTIVE EQUIPMENT			
EYES	RESPIRATORY	HANDS	BODY
	See Sect 8		See Sect 8

For Routine Industrial Use and Handling Applications

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

6. Accidental release measures.

6.1. Personal precautions, protective equipment and emergency procedures.

Eliminate sources of ignition (cigarettes, flames, sparks, etc.) from the air in which the leak occurred. If there are no contraindications, spray solid products with water to prevent the formation of dust. Use breathing equipment if fumes or powders are released into the air. Block the leakage if there is no hazard. Do not handle damaged containers or leaked product before donning appropriate protective gear. Send away individuals who are not suitably equipped. For information on risks for the environmental and health, respiratory tract protection, ventilation and personal protection equipment, refer to the other sections of this sheet. These indications apply for both processing staff and those involved in emergency procedures.

6.2. Environmental precautions.

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

6.3. Methods and material for containment and cleaning up.

For liquid products, suck into a suitable container (made of material not incompatible with the product) and soak up any leaked product with absorbent inert material (sand, vermiculite, diatomaceous earth, Kieselguhr, etc). Collect the majority of the remaining material and deposit in containers for disposal. For solid products, use spark proof mechanical tools to collect the leaked product and place in plastic containers. If there are no contraindications, use jets of water to eliminate product residues. Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

7. Handling and storage.

7.1. Precautions for safe handling.

Avoid the accumulation of electrostatic charges.

Vapours may ignite with explosion, it is therefore necessary to avoid accumulation keeping the windows and doors open, ensuring crossventilation. Without adequate ventilation, the vapours may accumulate at the bottom and ignite at a distance, if triggered off, with the risk of flashback. Keep far away from sources of heat, sparks and bright flames. Do not smoke, use matches or lighters. Keep the containers earthed while decanting and wear antistatic boots.

Vigorous stirring and flow through the pipings and equipment may cause the formation and accumulation of electrostatic charges due to the low conductivity of the product. In order to avoid the risk of fire outbreak and explosion never use compressed air during movement.

7.2. Conditions for safe storage, including any incompatibilities.

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Store the containers sealed and in a well ventilated place.

7.3. Specific end use(s).

Information not available.

8. Exposure controls/personal protection.

8.1. Control parameters.

Name	Type	Country	TWA/8h		STEL/15min	
			mg/m3	ppm	mg/m3	ppm
DIMETHYLETHER	TLV		1920	1000		
ETHYL ACETATE	TLV-ACGIH		1441	400		
	OEL	IRL		400		
	WELL	UK		200		400
	OSHA TWA	US		200		400
N-BUTYL ACETATE	TLV-ACGIH		713	150	950	200
	OEL	IRL		150		200
	WELL	UK		150		200
	SHA TWA	US		150		200

TLV of solvent mixture: 1148 mg/m3.

8.2. Exposure controls.

As the use of adequate technical equipment must always take priority over personal protection equipment, make sure that the workplace is well aired through effective local aspiration or bad air vent. If such operations do not make it possible to keep the concentration of the product below the permitted workplace exposure thresholds a suitable respiratory tract protection must be used. See product label for hazard details during use. Personal protection equipment must comply with the rules in force indicated below.

HAND PROTECTION

Protect hands with category II (ref. Directive 89/686/EEC and standard EN 374) work gloves, such as those in PVC, neoprene, nitril or equivalent. The following should be considered when choosing work glove material: degradation, breakage times and permeation. Work glove resistance to preparations should be checked before use, as it can be unpredictable. Gloves` limit depends on the duration of exposure.

EYE PROTECTION

Wear protective airtight goggles (ref. standard EN 166).

SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (ref. Directive 89/686/CEE and standard EN 344). Wash body with soap and water after removing overalls.

RESPIRATORY PROTECTION

If the threshold value (if available) for one or more of the substances present in the preparation for daily exposure in the workplace or to a fraction established by the company`s prevention and protection service is exceeded, wear an FFP3 (ref. standard EN 141/EN 143) type half mask.

The use of respiratory tract protection equipment, such as masks like that indicated above, is necessary to reduce worker exposure in the absence of technical measures. The protection provided by masks is in any case limited.

If the substance in question is odourless or its olfactory threshold is higher than the relative exposure limit and in the event of an emergency, or when exposure levels are unknown or the concentration of oxygen in the workplace is less than 17% volume, wear self-contained, open-circuit compressed air breathing apparatus (ref. standard EN 137) or fresh air hose breathing apparatus for use with full face mask, half mask or mouthpiece (ref. standard EN 138).

An emergency eye washing and shower system must be provided.

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9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties.

Appearance	aerosol
Colour	as showed in color folder
Odour	characteristic of solvent
Odour threshold.	Not available.
pH.	Not available.
Melting or freezing point.	Not available.
Initial boiling point.	< -25 °C.
Boiling range.	Not available.
Flash point.	< -41 °C.
Evaporation Rate	n.n.
Flammability of solids and gases	
Lower inflammability limit.	Not available.
Upper inflammability limit.	Not available.
Lower explosive limit.	3 % (V/V).
Upper explosive limit.	18,6 % (V/V).
Vapour pressure.	Not available.
Vapour density	< 1 (1=aria)
Specific gravity.	0,615 Kg/l
Solubility	insoluble in water
Partition coefficient: n-octanol/water	n.n.
Ignition temperature.	Not available.
Decomposition temperature.	Not available.
Viscosity	> 9 cSt
Reactive Properties	n.n.

9.2. Other information.

VOC (Directive 1999/13/EC) :	45,00 % - 276,75 g/litre.
VOC (volatile carbon) :	26,77 % - 164,61 g/litre.

10. Stability and reactivity.

10.1. Reactivity.

The product may react exothermically on contact with strong oxidizing agents or reducers, strong acids or bases.

ACETON : decomposes under the effect of heat.

ETHYL ACETATE: decomposes slowly into acetic acid and ethanol under the effect of light, air and water.

N-BUTYL ACETATE: decomposes readily with water, especially when warm.

10.2. Chemical stability.

Excessively high temperatures can cause thermal decomposition.

10.3. Possibility of hazardous reactions.

See paragraph 10.1.

ACETON : risk of explosion on contact with: bromine trifluoride, difluoro dioxide, hydrogen peroxide, nitrosyl chloride, 2-methyl-1,3 butadiene, nitromethane, nitrosyl perchlorate. Can react dangerously with: potassium tert-butoxide, alkaline hydroxides, bromine, bromoform, isoprene, sodium, sulphur dioxide, chromium trioxide, chromyl chloride, nitric acid, chloroform, peroxymonosulphuric acid, phosphoryl chloride, chromosulphuric acid, fluorine, strong oxidising agents. Develops flammable gases with nitrosyl perchlorate.

ETHYL ACETATE: risk of explosion on contact with: metals, alkalis, hydrides. oleum. can react violently with: fluoride, strong oxidising agents, chlorosulfuric acid, potassium tert-butoxide. Forms explosive mixtures with the air.

N-BUTYL ACETATE: risk of explosion on contact with: strong oxidising agents. Can react dangerously with alkaline hydroxides, potassium tert-butoxide. Forms explosive mixtures with the air.

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10.4. Conditions to avoid.

Avoid heating the product.

ACETON : avoid exposure to sources of heat and naked flames.

ETHYL ACETATE: avoid exposure to light, sources of heat and naked flames.

N-BUTYL ACETATE: avoid exposure to moisture, sources of heat and naked flames.

10.5. Incompatible materials.

Oxidizing agents or reducers, strong acids or bases.

ACETONE: acid and oxidising substances.

ETHYL ACETATE: acids and bases, strong oxidising agents; aluminium and some plastics, nitrates and chlorosulphuric acid.

N-BUTYL ACETATE: water, nitrates, strong oxidising agents, acids and alkalis and potassium tert-butoxide.

10.6. Hazardous decomposition products.

In the event of thermal decomposition or fire, vapours potentially dangerous to health may be released.

ACETON : ketenes and other irritating compounds.

ETHYL ACETATE: Per decomposizione termica o in caso di incendio si possono liberare gas e vapori potenzialmente dannosi per la salute

11. Toxicological information.

11.1. Information on toxicological effects.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation.

Vapour inhalation may moderately irritate the upper respiratory tract. Contact with skin may cause slight irritation.

Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

This product contains highly volatile substances, which may cause serious depression of the central nervous system (CNS) and have negative effects, such as drowsiness, dizziness, slow reflexes, narcosis.

This product may have a degreasing action on the skin, producing dryness and chapped skin after repeated exposure.

SUSPECTED CANCER AGENT : One or more of the ingredients are found on the following List: FEDERAL ASHA Z LIST, NPT,CAL/OSHA,IARC and therefore is considered to be, or suspected to be cancer-causing agent by these agencies.

N-BUTYL ACETATE:in humans the substance's vapours cause irritation to the eyes and nose. In the event of repeated exposure, there is skin irritation, dermatosis (with dryness and flaking of the skin) and keratitis.

DIMETHYLETHER

LC50 (Inhalation): > 309018 mg/m3

N-BUTYL ACETATE

LD50 (Oral): > 6400 mg/kg Rat

LC50 (Inhalation): 21,1 mg/l/4h Rat

LD50 (Dermal): > 5000 mg/kg Rabbit

12. Ecological information.

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

12.1. Toxicity.

DIMETHYLETHER

LC50 (96h): > 4001 mg/l

ACETON

LC50 (96h): 4144 mg/l Pesce

EC50 (48h): 1680 mg/l Daphnia

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12.2. Persistence and degradability.

Facilmente biodegradabile (rif. ACETON)
Facilmente biodegradabile (rif. ETHYL ACETATE)
Facilmente biodegradabile (rif. N-BUTYL ACETATE)

12.3. Bioaccumulative potential.

Poco bioaccumulabile (rif. ACETON)
Poco bioaccumulabile (rif. ETHYL ACETATE)

12.4. Mobility in soil.

Non sono disponibili informazioni specifiche sul questo prodotto. (rif. ACETON)
Evapora rapidamente (rif. ETHYL ACETATE)

12.5. Results of PBT and vPvB assessment.

Non Applicabile (rif. ACETON)
Non applicabile (rif. ETHYL ACETAT)
Non applicabile (rif. N-BUTYL ACETATE)

12.6. Other adverse effects.

Information not available.

13. Disposal considerations.

13.1. Waste treatment methods.

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations, those of CANADA, AUSTRALIA, EU, Member States, and JAPAN
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.
CONTAMINATED PACKAGING
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations, those of CANADA, AUSTRALIA, EU, Member States, and JAPAN.

14. Transport information.

These goods must be transported by vehicles authorized to the carriage of dangerous goods according to the provisions set out in the current edition of the Code of International Carriage of Dangerous Goods by Road (ADR) and in all the applicable national regulations. These goods must be packed in their original packagings or in packagings made of materials resistant to their content and not reacting dangerously with it. People loading and unloading dangerous goods must be trained on all the risks deriving from these substances and on all actions that must be taken in case of emergency situations.

THIS PRODUCT IS CLASSIFIED AS DANGEROUS GOODS AS DEFINED BY 49CFR 172.101 BY U.S. DEPARTMENT OF TRASPORTATION

TRANSPORT CANADA. TRANSPORTATION OF DANGEROUS GOODS REGULATIONS:

This product is classified as Dangerous Goods, per regulations of Transport Canada

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):

This product is classified as Dangerous Goods, by rules of IATA:

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION:

This product is classified as Dangerous Goods by the International Maritime Organization.

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Road and rail transport:



ADR/RID Class:	2	UN:	1950
Label:	2.1		
Nr. Kemler:	--		
Limited Quantity:	1 L		
Tunnel restriction code:	(D)		
Proper Shipping Name:	AEROSOLS		

Carriage by sea (shipping):



IMO Class:	2.1	UN:	1950
Label:	2.1		
EMS:	F-D, S-U		
Marine Pollutant:	NO		
Proper Shipping Name:	AEROSOLS		

Transport by air:



IATA:	2	UN:	1950
Label:	2.1		
Cargo:			
Packaging instructions:	203	Maximum quantity:	150 Kg
Pass.:			
Packaging instructions:	203	Maximum quantity:	75 Kg
Special Instructions:	A145, A167, A802		
Proper Shipping Name:	AEROSOLS		

15. Regulatory information.

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

Seveso category. 8

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

Product.
Point. 40

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Healthcare controls.

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Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

UNITED STATES REGULATIONS

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act., as follows: None

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

Acute Health: Yes Chronic Health: Yes Fire: Yes Reactivity: No

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): Acetone CAS# 67-64-1 5,000 Lbs.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): One or more of the ingredients are on the California Proposition 65 lists.

Warning! This product is not contains any ingredient that is known to the state of California to cause cancer or reproductive harm.

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: All of the components of this product are on the DSL Inventory

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: This product is categorized as a Class A – Compressed Gas, Class B Division 1 – Flammable Gas, Class D Division 2B Materials causing other toxic effects as per the Controlled Product Regulations

AUSTRALIAN INFORMATION FOR PRODUCT:

AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS: All components of this product are listed on the AICS.

STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS: Not applicable.

JAPANESE INFORMATION FOR PRODUCT:

JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS: The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI

INTERNATIONAL CHEMICAL INVENTORIES:

Listing of the components on individual country Chemical Inventories is as follows:

Asia-Pac:	Listed
Australian Inventory of Chemical Substances (AICS):	Listed
Korean Existing Chemicals List (ECL):	Listed
Japanese Existing National Inventory of Chemical Substances (ENCS):	Listed
Philippines Inventory if Chemicals and Chemical Substances (PICCS):	Listed
Swiss Giftliste List of Toxic Substances:	Listed
U.S. TSCA:	Listed

15.2. Chemical safety assessment.

No chemical safety assessment has been processed for the mixture and the substances it contains.

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16. Other information.

GENERAL BIBLIOGRAPHY

1. Directive 1999/45/EC and following amendments
2. Directive 67/548/EEC and following amendments and adjustments
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5. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
6. Regulation (EC) 453/2010 of the European Parliament
7. The Merck Index. - 10th Edition
8. Handling Chemical Safety
9. Niosh - Registry of Toxic Effects of Chemical Substances
10. INRS - Fiche Toxicologique (toxicological sheet)
11. Patty - Industrial Hygiene and Toxicology
12. N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
13. ECHA website

Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product .

This document must not be regarded as a guarantee on any specific product property.

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