Material Safety Data Sheet



VERO K-PAK CHROME DEMI-PERMANENT CREME COLOR (except CLEAR GLOSS)

1. Product and company identification

Product name : VERO K-PAK CHROME DEMI-PERMANENT CREME COLOR (except CLEAR GLOSS)

Manufacturer : Zotos International, INC

100 Tokeneke Road, Darien, CT 06820 www.zotos.com

Validation date : 2/23/2015.

<u>In case of emergency</u> (800) 584-8038 [24 Hours]

Telephone number (203) 656-7859 [8:30 a.m. - 5:00 p.m.]

Transportation Emergency Contact: CHEMTREC 1-800-424-9300 [US/Canada 24 Hours]

Product type : Liquid.

2. Hazards identification

Emergency overview

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED. Additional information on toxicological endpoints is available from the supplier upon request

Color : Colored Colored : Ammoniacal.

Hazard statements : FLAMMABLE LIQUID AND VAPOR. COMBUSTIBLE. HARMFUL IF INHALED OR

SWALLOWED. CAUSES EYE AND SKIN IRRITATION.

Precautionary measures : Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Avoid

contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Keep

container tightly closed. Wash thoroughly after handling.

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard

(29 CFR 1910.1200).

Potential acute health effects

Inhalation : Irritating to eyes, mucosa and skin and may cause burns. Acute: Material is irritating to

mucous membranes and upper respiratory tract. Chronic Effects Include: Sensitized persons may subsequently show asthmatic symptoms when exposed to atmospheric

concentrations well below the OEL.

Ingestion: non-toxic.

Skin: Chronic Effects Include: Causes skin irritation. May cause skin sensitization.

Eyes : CAUTION Causes eye irritation.

Potential chronic health effects

Chronic effects
 Carcinogenicity
 No known significant effects or critical hazards.
 Mutagenicity
 No known significant effects or critical hazards.
 Teratogenicity
 No known significant effects or critical hazards.
 Developmental effects
 No known significant effects or critical hazards.
 Fertility effects
 No known significant effects or critical hazards.
 No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation: No specific data.Ingestion: No specific data.

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2. Hazards identification

Skin

: Adverse symptoms may include the following:

irritation redness

Eyes

: Adverse symptoms may include the following:

pain or irritation watering redness

Medical conditions aggravated by overexposure : The mixture may be a skin sensitizer. It may also be a skin irritant and repeated contact may increase this effect.

See toxicological information (Section 11)

3. Composition/information on ingredients

Canada

Name	CAS number	%
propane-1,2-diol	57-55-6	4.50
Isopropyl alcohol	67-63-0	3.00
hexadecan-1-ol	36653-82-4	2.75
Octadecan-1-ol, ethoxylated	9005-00-9	2.00
White mineral oil (petroleum)	8042-47-5	1.50
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihydro-1H-imidazole-1-ethanol 2-norcoco alkyl derivs. and sodium hydroxide	68608-65-1	1.04
p-phenylenediamine	106-50-3	1.00
3-aminophenol	591-27-5	0.30

Mexico

						Classification		
Name	CAS number	UN number	%	IDLH	Н	F	R	Special
Octadecan-1-ol, ethoxylated	9005-00-9	Not available.	2.00	-	2	0	0	-
Acetic acid, chloro-, sodium salt, reaction products with 4, 5-dihydro-1H-imidazole-1-ethanol 2-norcoco alkyl derivs. and sodium hydroxide	68608-65-1	Not available.	1.04	-	2	0	0	-
Isopropyl alcohol	67-63-0	UN1993	3.00	2000 ppm	2	3	0	-
p-phenylenediamine	106-50-3	UN2811	1.00	25 mg/m³	2	1	0	-
propane-1,2-diol	57-55-6	Not available.	4.50	-	2	1	0	-
hexadecan-1-ol	36653-82-4	Not available.	2.75	-	2	0	0	-
White mineral oil (petroleum)	8042-47-5	Not available.	1.50	2500 mg/m ³	0	1	0	-

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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4. First aid measures

Eye contact

: Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention immediately.

Skin contact

: Wash the contaminated skin gently and thoroughly with running water and non-abrasive soap. If on clothes, remove clothes. Get medical attention if adverse health effects persist or are severe.

Inhalation

: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Ensure sufficient ventilation during and after use, in order to prevent vapour accumulation. Seek immediate medical attention.

Ingestion

: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders

: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

Notes to physician

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

5. Fire-fighting measures

Flammability of the product

: Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

Extinguishing media
Special exposure hazards

: Extinguish fire using an agent suitable for the surrounding fire.

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special fire-fighting procedures

: Immediately contact emergency personnel. In case of insufficient ventilation, wear suitable respiratory equipment. In a fire, hazardous decomposition products may be produced. Thermal degradation may produce oxides of carbon and/or nitrogen hydrocarbons and/or derivatives

Hazardous thermal decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides halogenated comr

halogenated compounds metal oxide/oxides

Special protective equipment for fire-fighters

: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions

: Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with eyes, skin and clothing.

Environmental precautions

: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up

: Wash with plenty of soap and water. Use a water rinse for final clean-up.

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7. Handling and storage

Handling

: Avoid contact with skin and eyes. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).

Storage

: Store in a cool, dry, well-ventilated place. Avoid contamination by any source including metals, dust and organic materials. Keep packages tightly closed. Store in a dry, well-ventilated place.

8. Exposure controls/personal protection

Canada

Occupational exposure limits		TWA	TWA (8 hours)		STEL (15 mins)		Ceiling				
Ingredient	List name	ppm	mg/m³	Other	ppm	mg/m³	Other	ppm	mg/m³	Other	Notations
Isopropyl alcohol	US ACGIH 6/2013	200	-	-	400	-	-	-	-	-	
,	AB 4/2009	200	492	-	400	984	-	-	-	-	
	BC 7/2013	200	-	-	400	-	-	-	-	-	
	ON 1/2013	200	-	-	400	-	-	-	-	}	
	QC 12/2012	400	983	-	500	1230	-	-	-	}	
p-phenylenediamine	US ACGIH 6/2013	-	0.1	-	-	-	-	-	-	}	
· ·	AB 4/2009	-	0.1	-	-	-	-	-	-	}	
	BC 7/2013	-	0.1	-	-	-	-	-	-	-	[3]
	ON 1/2013	-	0.1	-	-	-	-	-	-	-	
	QC 12/2012	-	0.1	-	-	-	-	-	-	-	[1][3]
propane-1,2-diol	ON 1/2013	-	10	-	-	-	-	-	-	-	[a]
	ON 1/2013	50	155	-	-	-	-	-	-	-	[b]
	US AIHA 10/2011	-	10	-	-	-	-	-	-	-	
White mineral oil (petroleum)	US ACGIH 6/2013	-	5	-	-	-	-	-	-	-	[c]
	AB 4/2009	-	5	-	-	10	-	-	-	-	[c] [d]
	BC 7/2013	-	1	-	-	-	-	-	-	}	
	ON 1/2013	-	5	-	-	10	-	-	-	}	[e]
	QC 12/2012	-	5	-	-	10	-	-	-	}	[e] [e]

[1]Absorbed through skin. [3]Skin sensitization

Form: [a]Aerosol only. [b]Vapour and aerosol. [c]Inhalable fraction [d]Mist [e]mist

Mexico

Occupational exposure limits

Ingredient	Exposure limits	
Isopropyl alcohol	NOM-010-STPS (Mexico, 9/2000).	
	LMPE-PPT: 400 ppm 8 hours.	
	LMPE-PPT: 980 mg/m ³ 8 hours.	
	LMPE-CT: 1225 mg/m ³ 15 minutes.	
	LMPE-CT: 500 ppm 15 minutes.	
White mineral oil (petroleum)	NOM-010-STPS (Mexico, 9/2000).	
,	LMPE-PPT: 5 mg/m ³ 8 hours. Form: mist	
	LMPE-CT: 10 mg/m³ 15 minutes. Form: mist	
p-phenylenediamine	NOM-010-STPS (Mexico, 9/2000).	
	LMPE-PPT: 0.1 mg/m³ 8 hours.	

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures

: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Engineering measures

: In case of insufficient ventilation, wear suitable respiratory equipment. No special ventilation requirements.

Hygiene measures
Personal protection

: When using do not eat, drink or smoke. Avoid contact with eyes, skin and clothing.

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8. Exposure controls/personal protection

Respiratory : In case of insufficient ventilation, wear suitable respiratory equipment.

Hands : Wear suitable gloves.

Eyes : None.

Skin : Wear suitable protective clothing.

Environmental exposure

controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment

will be necessary to reduce emissions to acceptable levels.

Other protection : Not available.

9. Physical and chemical properties

Physical state : Liquid.

Flash point : Closed cup: 51.1°C (124°F)

Color : Colored
Odor : Ammoniacal.
pH : 9.5 to 10.8
Relative density : 0.985 to 1.05

10. Stability and reactivity

Chemical stability : Stable under recommended storage and handling conditions (see Section 7).

Conditions to avoid : Avoid contact with ignition and heat sources. Keep away from direct sunlight.

Incompatible materials : metals strong acids

Hazardous decomposition

products

: Ammonia.

Possibility of hazardous : Not available.

reactions

11. Toxicological information

Canada

Acute toxicity

Product/ingredient name	Result	Dose	Exposure
Isopropyl alcohol	LD50 Dermal	12800 mg/kg	-
	LD50 Oral	5000 mg/kg	-
p-phenylenediamine	LC50 Inhalation Dusts and	920 mg/m ³	4 hours
	mists		
	LD50 Oral	80 mg/kg	-
propane-1,2-diol	LD50 Dermal	20800 mg/kg	-
	LD50 Oral	20 g/kg	-
hexadecan-1-ol	LD50 Oral	5 g/kg	-
3-aminophenol	LD50 Oral	924 mg/kg	-
White mineral oil (petroleum)	LD50 Oral	>5000 mg/kg	-

Conclusion/Summary

: Not available.

Chronic toxicity

Conclusion/Summary

: Not available.

Irritation/Corrosion

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11. Toxicological information

Detadecan-1-ol, ethoxylated	Product/ingredient name	Result	Score	Exposure	Observation
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihydro-1H-imidazole-1-ethanol 2-noroco alkyl derivs. and sodium hydroxide Isopropyl alcohol Eyes - Moderate irritant Eyes - Mild irritan	Octadecan-1-ol, ethoxylated	Skin - Moderate irritant	_	48 hours 20	_
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihytor-1H-midazole-1-ethanol 2-norcoco alkyl derivs. and sodium hydroxide Isopropyl alcohol	o state out it on, our oxyration				
1-ethanol 2-norcoco alkyl derivs. and sodium hydroxide Isopropyl alcohol Eyes - Moderate irritant	Acetic acid, chloro-, sodium salt, reaction	Skin - Severe irritant	_		-
Eyes - Moderate irritant				microliters	
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Eyes - Severe irritant		Fire Madenate instant			
P-phenylenediamine			_		-
Skin - Mild irritant		Eyes - Severe imiani	_		-
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Skin - Mild irritant	p-phenylenediamine	Skin - Mild irritant	_		_
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Skin - Mild irritant		Skin - Milia irritant	_		-
Skin - Moderate irritant		Skin - Mild irritant			
Skin - Moderate irritant - 24 hours 250 - milligrams Skin - Moderate irritant - 1 Percent - 24 hours 500 - milligrams Eyes - Mild irritant - 100 - milligrams Skin - Moderate irritant - 100 - milligrams Skin - Moderate irritant - 168 hours 30 - Percent continuous Skin - Mild irritant - 168 hours 500 - milligrams Skin - Mild irritant - 72 hours 104 - milligrams Intermittent - 96 hours 30 - Percent milligrams Intermittent - 96 hours 30 - Percent milligrams Intermittent - 82 milligrams Intermittent - 82 milligrams - 100 Percent milligrams Skin - Mild irritant - 24 hours 100 - milligrams Skin - Mild irritant - 100 Percent - 100 Percent milligrams Skin - Mild irritant - 100 Percent - 100 Percent milligrams Skin - Mild irritant - 100 Percent		Skiii - Willd IIIItalit	_		_
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Skin - Mild irritant - 72 hours 75 - milligrams Intermittent - 0.2 Percent - Skin - Mild irritant - 48 hours 50 - milligrams - Skin - Severe irritant - 24 hours 100 - milligrams - Skin - Mild irritant - 24 hours			- _		-
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2600		Skin - Mila irritant	-		-
· · · · · · · · · · · · · · · · · · ·				2600	

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11. Toxicological information

		milligrams	
Skin - Severe irritant	-	24 hours 100	-
		milligrams	
Eyes - Moderate irritant	-	24 hours 100	-
		milligrams	
Skin - Mild irritant	-	24 hours	-
		12500	
		Micrograms	
	Eyes - Moderate irritant	Eyes - Moderate irritant -	Skin - Severe irritant Eyes - Moderate irritant Skin - Mild irritant - 24 hours 100 milligrams 24 hours 100 milligrams 24 hours 100 milligrams 24 hours 12500

Conclusion/Summary: Not available.

Sensitizer

Conclusion/Summary: Not available.

Carcinogenicity

Conclusion/Summary: Not available.

Classification

	Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
1	Isopropyl alcohol	A4	3	-	-	-	_
	White mineral oil (petroleum)	A4	-	-	-	-	-
	p-phenylenediamine	A4	3	-	-	-	-

Mutagenicity

Conclusion/Summary: Not available.

Teratogenicity

Conclusion/Summary: Not available.

Reproductive toxicity

Conclusion/Summary: Not available.

Mexico

Acute toxicity

Product/ingredient name	Result	Dose	Exposure
Isopropyl alcohol	LD50 Dermal	12800 mg/kg	-
	LD50 Oral	5000 mg/kg	-
p-phenylenediamine	LC50 Inhalation Dusts and	920 mg/m³	4 hours
	mists		
	LD50 Oral	80 mg/kg	-
propane-1,2-diol	LD50 Dermal	20800 mg/kg	-
	LD50 Oral	20 g/kg	-
hexadecan-1-ol	LD50 Oral	5 g/kg	-
White mineral oil (petroleum)	LD50 Oral	>5000 mg/kg	-

Conclusion/Summary: Not available.

Chronic toxicity

Conclusion/Summary: Not available.

Irritation/Corrosion

Product/ingredient name	Result	Score	Exposure	Observation
Octadecan-1-ol, ethoxylated	Skin - Moderate irritant	-	48 hours 20 Percent	-
Acetic acid, chloro-, sodium salt, reaction products with 4,5-dihydro-1H-imidazole-1-ethanol 2-norcoco alkyl derivs. and sodium hydroxide	Skin - Severe irritant	-	24 hours 500 microliters	-
Isopropyl alcohol	Eyes - Moderate irritant	-	24 hours 100 milligrams	-
	Eyes - Moderate irritant	-	10 milligrams	-

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11. Toxicological information

	1=			
	Eyes - Severe irritant	-	100	-
			milligrams	
	Skin - Mild irritant	-	500	-
			milligrams	
p-phenylenediamine	Skin - Mild irritant	-	24 hours 250	-
			milligrams	
	Skin - Mild irritant	-	24 hours 250	-
			milligrams	
	Skin - Mild irritant	-	24 hours 250	-
			milligrams	
	Skin - Mild irritant	-	24 hours 250	-
			milligrams	
	Skin - Mild irritant	_	24 hours 250	-
			milligrams	
	Skin - Mild irritant	_	24 hours	_
			12500	
			Micrograms	
	Skin - Moderate irritant	_	24 hours 250	_
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	Skin - Moderate irritant	_	1 Percent	_
propane-1,2-diol	Eyes - Mild irritant	_	24 hours 500	- -
proparie-1,2-dioi	Lyes - Wild IIIItalit	_	milligrams	_
	Eves Mild irritant		100	
	Eyes - Mild irritant	-		-
	Ckin Madarata imitant		milligrams	
	Skin - Moderate irritant	-	96 hours 30	-
			Percent	
			continuous	
	Skin - Mild irritant	-	168 hours	-
			500	
			milligrams	
	Skin - Moderate irritant	-	72 hours 104	-
			milligrams	
			Intermittent	
	Skin - Mild irritant	-	96 hours 30	-
			Percent	
hexadecan-1-ol	Eyes - Mild irritant	-	82 milligrams	-
	Skin - Mild irritant	-	100 Percent	-
	Skin - Moderate irritant	-	24 hours 100	-
			milligrams	
	Skin - Mild irritant	_	72 hours 75	-
			milligrams	
			Intermittent	
	Skin - Severe irritant	_	0.2 Percent	_
	Skin - Mild irritant	_	48 hours 50	_
	OKIT WING ITTUIN		milligrams	
	Skin - Severe irritant	_	24 hours 100	_
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	Skin - Mild irritant		24 hours	
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	Ohio Ooyaaa iadtaat		milligrams	
	Skin - Severe irritant	-	24 hours 100	-
			milligrams	
Conclusion/Summary : Not available				

Conclusion/Summary

Sensitizer

Conclusion/Summary

Carcinogenicity

Conclusion/Summary

: Not available.

: Not available.

: Not available.

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11. Toxicological information

Classification

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Isopropyl alcohol	A4	3	-	-	-	-
White mineral oil (petroleum)	A4	-	-	-	-	-
p-phenylenediamine	A4	3	-	-	-	-

Mutagenicity

Conclusion/Summary: Not available.

Teratogenicity

Conclusion/Summary: Not available.

Reproductive toxicity

Conclusion/Summary: Not available.

12. Ecological information

THE FOLLOWING DATA IN THIS SECTION IS SOURCED FROM PUBLICLY AVAILABLE DATABASES AND NOT THE REPRESENTATION OF ANY DATA COLLECTED BY ZOTOS INTERNATIONAL OR ITS AFFILIATES.

Ecotoxicity : No known significant effects or critical hazards.

Canada

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure	
Isopropyl alcohol	Acute LC50 1400000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours	
	Acute LC50 1400000 μg/l	Fish - Gambusia affinis	96 hours	
propane-1,2-diol	Acute EC50 110 ppm Fresh water	Daphnia - Daphnia magna	48 hours	
	Acute LC50 1000 mg/l Marine water	Crustaceans - Chaetogammarus marinus - Young	48 hours	
3-aminophenol	Acute LC50 710000 μg/l Fresh water Acute EC50 1100 μg/l Fresh water	Fish - Pimephales promelas Daphnia - Daphnia magna	96 hours 48 hours	

Conclusion/Summary

: Not available.

Persistence/degradability

Conclusion/Summary: Not available.

Mexico

Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Isopropyl alcohol	Acute LC50 1400000 µg/l Marine water Acute LC50 1400000 µg/l	Crustaceans - Crangon crangon Fish - Gambusia affinis	48 hours 96 hours
propane-1,2-diol	Acute EC50 110 ppm Fresh water Acute LC50 1000 mg/l Marine water	Daphnia - Daphnia magna Crustaceans - Chaetogammarus marinus - Young	48 hours 48 hours
	Acute LC50 710000 μg/l Fresh water	Fish - Pimephales promelas	96 hours

Conclusion/Summary

: Not available.

Persistence/degradability

Conclusion/Summary: Not available.

Other adverse effects : No known significant effects or critical hazards.

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13. Disposal considerations

Waste disposal

: Dispose of according to all federal, state and local applicable regulations.

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	1993	Flammable liquids, n.o.s.	3	III	1 The second sec	Limited quantity Yes. Packaging instruction Passenger aircraft Quantity limitation: 60 L Cargo aircraft Quantity limitation: 220 L Special provisions B1, B52, IB3, T4, TP1, TP29
TDG Classification	UN1993	FLAMMABLE LIQUIDS, N.O. S.	3	III		Explosive Limit and Limited Quantity Index 5 Passenger Carrying Road or Rail Index 60 Special provisions 16
Mexico Classification	UN1993	LIQUIDO INFLAMABLE, N. E.P.	3	III		Special provisions 223, 274

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VERO K-PAK CHROME DEMI-PERMANENT CREME COLOR (except CLEAR GLOSS) 14. Transport information **ADR/RID Class** UN1993 FLAMMABLE LIQUIDS, N.O. 3 Ш **Hazard identification** number 30 **Limited quantity** LQ7 Special provisions 274 601 640E **Tunnel code** (D/E) **IMDG Class** UN1993 FLAMMABLE LIQUIDS, N.O. Ш **Emergency** schedules (EmS) F-E, _S-E_ Special provisions 223, 274, 955 **IATA-DGR Class** UN1993 FLAMMABLE LIQUIDS, N.O. 3 Ш Passenger and S. **Cargo Aircraft** Quantity limitation: 60 Packaging instructions: 309 Cargo Aircraft Only Quantity limitation: 220 L Packaging instructions: 310 **Limited Quantities -**Passenger Aircraft Quantity limitation: 10

PG*: Packing group

15. Regulatory information

Canada

WHMIS (Canada) : Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).

Class D-1B: Material causing immediate and serious toxic effects (Toxic).

Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI : The following components are listed: Isopropyl alcohol; White mineral oil; p-

Phenylenediamine (and its salts)

CEPA Toxic substances: None of the components are listed.

Canada inventory : Not determined.

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Packaging instructions: Y309

A3

Special provisions

15. Regulatory information

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Mexico

Classification



International regulations

Chemical Weapons : Not listed

Convention List Schedule

I Chemicals

Chemical Weapons

Convention List Schedule

II Chemicals

Chemical Weapons

Convention List Schedule

III Chemicals

: Not listed

: Not listed

16. Other information

 Date of printing
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 Date of issue
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Prepared by : Regulatory Affairs Group

▼ Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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