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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 3.0

SDS Revision Date: 12/26/2014

-		1.	PRODUC	T & COM	<b>PANY</b>	<b>IDEN</b>	ITIFI	CAT	ON				
.1	Product Name:	K&NA	IR FILTER	ROIL									
.2	Chemical Name:	_	nts listed in se										
.3	Synonyms:		ed by the manu										
4	Trade Names:	K & N Air Fill											
5	Product Use:	Automotive L											
6	Distributor's Name:	K&N Engine											
7	Distributor's Address:		•	CA 92502-1329	USA								
8	Emergency Phone:			424-9300 /		1 527-3	8887	(CCN	63271	5)			
9	Business Phone / Fax:		8-3333 / +1 (95		11 (100	, 02.	,00.	(00	00271	<u> </u>			
	-1		(**	,									
			2. H	<b>AZARDS</b>	DENT	IFICA	TIO	N					
1	Hazard Identification:	according to DANGER! M Classification Hazard State Precautionar SWALLOWE P305+P351+ contact lense	the classification MAY BE FATA at Asp. Tox. 1 at a spending (H): H3 at a spending to the spend	as a HAZARD on criteria of No L IF SWALLON 04 – May be fa (P): P280 – W y call a POISO I EYES: Rinse ind easy to do ner to an appro	OHSC:108 WED AND tal if swalld fear protec ON CENTE cautious Continue	extended by the second of the	) and A S AIR of ente ves/ey or. P3 water g. P4	NDG Coways.  rs airwate prote 31 - D for sev	de (Austr lys. ction. Page NOT in eral minutore lock	alia. 801+P3 duce v tes. I ed up.	310 – I romiting Remov P501	F g. re	
3	Sumptomo of Ourseau assumption	Ingestion: Eyes: Skin: Inhalation:	Eyes: May cause transient mild-eye irritation with short-term contact with liquid, spray or mist.  Skin: This product can cause mild, transient skin irritation with short-term exposure. This product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.  Inhalation: No significant adverse health effects are expected to occur upon short-term exposure to this product. Aspiration of liquid into the lungs can cause severe lung damage or death.										
3	Symptoms of Overexposure:	may cause r	Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Overexposure in eyes may cause redness, itching and watering. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.										
		upon prolong	ged or repeated			uct carr	oudoc	allergic	Skill lea	lions (	3,		weits, dermatit
4	Acute Health Effects:	Moderate irr	itation to eyes	d exposure.						•		of va	apors can cau
5	Acute Health Effects:  Chronic Health Effects:	Moderate irr drowsiness, Contains a p characterize oil mists at pulmonary e	ritation to eyes dizziness, head petroleum-base d by drying, cra concentrations ffects.	d exposure.  s and skin ne daches and nau d mineral oil. F acking, (dermat s above appli	rolonged itis) or oil	d areas or repea	. Add	ditionally	y, high o	oncent ause n	rations	tation a	
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EM ST DE	Chronic Health Effects:  Target Organs:  IICAL NAME(S)  IILLATES (PETROLEUM), ROTREATED HEAVY AFFINIC	Moderate irr drowsiness, Contains a p characterize oil mists at pulmonary e Eyes, skin & 3. Contains CAS No. 64742-54-7 Asp. Tox.1; h	citation to eyedizziness, head betroleum-based by drying, craconcentrations ffects.  respiratory sys  OMPOSIT  RTECS No. PY8035501  1304  NA	d exposure.  s and skin ne daches and nau d mineral oil. F acking, (dermat s above appli stem.  TON & INC  EINECS No.  265-157-1	GREDI  % 60-100	d areas or repea acne. Re kplace  ENT I  ACGI ppm TLV 5	Add steep st	cin contider of produce level	ATION  EXPOSURE  HISC  PM  ES-  ES-  TEL  PEAR  NF	imits in	rations nild irri on of porespira  AAIR (m. OSHA ppm  STEL NF	tation a etroleu atory in g/m³)	apors can cause and inflammatic metased miner ritation or oth



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 3.0 SDS Revision Date: 12/26/2014 4. FIRST AID MEASURES 4 1 First Aid: DO NOT INDUCE VOMITING. Contact ChemTrec at +1 (703) 527-3887 or the nearest Poison Control Ingestion: Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, Eyes: holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately. Remove contaminated clothing and wash affected areas with soap and water. If irritation persists, seek Skin: prompt medical attention. Do not wear contaminated clothing until after it has been properly cleaned. Remove victim to fresh air at once. If breathing is difficult, administer supplemental oxygen and seek Inhalation: immediate medical attention. If breathing stops, perform artificial respiration. 4.2 Medical Conditions Pre-existing dermatitis, other skin conditions, and disorders of the **HEALTH** Aggravated by Exposure: target organs (eyes, skin, and respiratory system). **FLAMMABILITY** 1 **PHYSICAL HAZARDS** 0 PROTECTIVE EQUIPMENT В **EYES** SKIN 5. FIREFIGHTING MEASURES This material can burn but will not readily ignite. This material will release vapors when heated Fire & Explosion Hazards above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point. Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons and trace oxides of sulfur, phosphorus, zinc and nitrogen. Also, depending upon the conditions of use, low concentrations of hydrogen sulfide can be released. Extinguishing Methods: 5.2 Dry chemical, foam, carbon dioxide, and water fog. 5.3 Firefighting Procedures: Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Avoid spraying water directly into storage containers because of danger of boilover. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies 6. ACCIDENTAL RELEASE MEASURES 6.1 Spills: Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. For small spills (e.g., < 1 gallon (3.8 L)) wear appropriate personal protective equipment (e.g., goggles, gloves). Maximize ventilation (open doors and windows) and secure all sources of ignition. Remove spilled material with absorbent material and place into appropriate closed container(s) for disposal. Dispose of properly in accordance with local, state and federal regulations. Wash all affected areas and outside of container with plenty of warm water and soap. Remove any contaminated clothing and wash thoroughly before reuse. For <u>large spills</u> (e.g., ≥ 1 gallon (3.8 L)), deny entry to all unprotected individuals. Dike and contain spill with inert material (e.g., sand or earth). Use ONLY non-sparking tools for recovery and cleanup. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. 7. HANDLING & STORAGE INFORMATION 7.1 Work & Hygiene Practices: Use normal hygiene practices. Avoid breathing vapors. Avoid direct skin contact. Wash hands thoroughly after using this product and before eating, drinking, or smoking. 7.2 Storage & Handling: Use and store in a cool, dry, well-ventilated area. Keep away from excessive heat, open flames, sparks, and other possible sources of ignition. Do not store in unmarked containers or storage devices. Maximum Recommended Shelf-Life: 60 months. 7.3 Special Precautions:

Empty containers may contain product residue. Do not pressurize, cut, heat or weld empty containers. Do not reuse

empty containers without commercial cleaning or reconditioning.



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		8. EXPOSURE CONTROLS & PERSONAL PROTECTION		
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8.1	Ventilation & Engineering Controls:	The use of mechanical dilution ventilation is recommended to maintain airborne concentrations below the recommended occupational exposure limits, whenever this material is used in a confined space, is heated above normal temperatures (up to 38 °C) or is agitated.		
8.2	Respiratory Protection:	Vaporization or misting is not expected at ambient temperatures. Therefore, the need for respiratory protection is not anticipated under normal use conditions and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist pre-filter should be used. Protection factors vary depending upon the type of respirator used. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134).		
8.3	Eye Protection:	Safety glasses equipped with side shields should be adequate protection under most conditions of use. Wear goggles and/or face shield if splashing or spraying is anticipated. Wear goggles and face shield if material is heated above 125°F (51°C). Have suitable eye wash water available.		
8.4	Hand Protection:	Use gloves constructed of chemical resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. Use heat-protective gloves when handling product at elevated temperatures.		
8.5	Body Protection:	Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. Remove oil contaminated clothing. Launder oil contaminated clothing before reusing. Contaminated leather goods should be removed promptly and discarded.		
		9. PHYSICAL & CHEMICAL PROPERTIES		
9.1	Appearance:	Red Oily Liquid		
9.2	Odor:	Characteristic Petroleum Odor		
9.3	Odor Threshold:	NA NA		
9.4	pH:	NA NA		
9.5	Melting Point/Freezing Point:	NA NA		
9.6	Initial Boiling Point/Boiling Range:	> 260 °C (500 °F)		
9.7	Flashpoint:	> 232 °C (450 °F)		
9.8	Upper/Lower Flammability Limits:	NA		
9.9	Vapor Pressure:	NA NA		
9.10	Vapor Density:	NA NA		
9.11	Relative Density:	0.864 (7.197 lbs/gallon)		
9.12	Solubility:	Negligible @ 25 °C		
9.13	Partition Coefficient (log Pow):	NA Luc		
9.14	Autoignition Temperature:	NA NA		
9.15	Decomposition Temperature: Viscosity:	NA		
9.10	Other Information:	≥ 7.5 cSt @ 100 °C		
9.17	Other information.	NA NA		
		10. STABILITY & REACTIVITY		
10.1	Stability:	Stable at normal temperatures.		
10.2	Hazardous Decomposition	Fumes, smoke, carbon monoxide, silicon oxides.		
10.3	Products: Hazardous Polymerization:	Will not occur.		
10.4	Conditions to Avoid:	Open flames, sparks, high heat, and close proximity to incompatible substances.		
10.5	Incompatible Substances:	Strong oxidizing agents.		
		11. TOXICOLOGICAL INFORMATION		
11.1	Routes of Entry:	Inhalation: YES   Absorption: NO   Ingestion: YES		
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product and is presented below:		
		Based on animal testing from similar materials & products, the acute toxicity of this product is expected to be: <u>Distillates, Petroleum, Solvent-Refined, Heavy Paraffinic</u> – LD <sub>50</sub> (oral, rat) > 5000 mg/kg; LD <sub>50</sub> (dermal, rabbit) > 2000 mg/kg.		
11.3	Acute Toxicity:	Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists at or near current work place exposure levels produced no significant toxicological effects.		



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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 3.0 SDS Revision Date: 12/26/2014 11. TOXICOLOGICAL INFORMATION - cont'd 11.4 Chronic Toxicity: In long term studies (up to two years) no carcinogenic effects have been reported in any animal species tested. 11.5 Suspected Carcinogen: Carc. Cat. 2 - suspected human carcinogen (Annex I of EU Directive 67/548/EEC). Not listed by OSHA, NTP or ACGIH. 11.6 Reproductive Toxicity: This product is not reported to produce reproductive toxicity in humans. Mutagenicity This product is not reported to produce mutagenic effects in humans Embryotoxicity This product is not reported to produce embryotoxic effects in humans. Teratogenicity: This product is not reported to produce teratogenic effects in humans. Reproductive Toxicity: This product is not reported to produce reproductive effects in humans 11.7 Irritancy of Product: See section 2.3 11.8 Biological Exposure Indices: NE 11.9 Physician Recommendations: The viscosity range of the product(s) represented by this MSDS is between 100 and 400 SUS at 100°F. Accordingly, upon ingestion there is a moderate risk of aspiration. Careful gastric lavage or emesis may be considered to evacuate large quantities of material. Subcutaneous or intramuscular injection requires prompt surgical debridement. 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: Analysis for ecological effects has not been conducted on this product. However, if spilled, this product and any contaminated soil or water may be harmful to human, animal, and aquatic life. Also, the coating action associated with petroleum and petroleum products can be harmful or fatal to aquatic life and waterfowl. 12 2 Effects on Plants & Animals: An environmental fate analysis has not been conducted on this specific product. However, plants and animals may experience harmful or fatal effects when coated with petroleum-based products 12.3 Effects on Aquatic Life: Petroleum-based (mineral) lube oils will normally float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway can result in a loss of marine life or create an anaerobic environment. This material contains phosphorus which is a controlled element for disposal in effluent waters in most sections of North America. Phosphorus is known to enhance the formation of algae. Severe algae growth can reduce oxygen content in the water possibly below levels necessary to support marine life. 13. DISPOSAL CONSIDERATIONS Waste Disposal: 13.1 Dispose of in accordance with federal & provincial hazardous waste laws. 13 2 Special Considerations: If the material is unsuitable for recycling or reclamation, enclosed-controlled incineration is recommended unless otherwise prohibited by local ordinance. 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND): NOT REGULATED 14.1 14.2 IATA (AIR): NOT REGULATED NOT REGULATED 14.3 IMDG (OCN): TDGR (Canadian GND): NOT REGULATED 14.4 ADR/RID (EU): NOT REGULATED 14.5 14.6 SCT (MEXICO): **NOT REGULATED** 14.7 ADGR (AUS): NOT REGULATED 15. REGULATORY INFORMATION SARA Reporting 15.1 This product does not contain any substances subject to SARA Title III, section 313 reporting requirements. Requirements 15.2 SARA Threshold Planning There are no specific Threshold Planning Quantities for the components of this product. Quantity: 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.4 CERCLA Reportable Quantity NA (RQ) 15.5 Other Federal Requirements: This material does not contain any hazardous air pollutants. None of the components in this product are listed as priority pollutants under the CWA. None of the components in this product are listed as toxic pollutants under the CWA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects) 15.7 State Regulatory Information: No ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).



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		15. REGULATORY IN	IFORMATION – cont'd
15.8	Other Requirements:	Distillates (Petroleum), Hydrotreated Heav Harmful: may cause lung damage if swall	e not listed in Annex I of EU Directive 67/548/EEC:  ry Paraffinic: Harmful (Xn). Risk Phrases (R): 65 — owed. Safety Phrases (S): 53-45 — Avoid exposure — ase of accident or if you feel unwell seek medical advice ).
		16. OTHER I	NFORMATION
16.1	Other Information:	vomiting. IF IN EYES: Rinse cautiously wit	WED AND ENTERS AIRWAYS.  SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce the water for several minutes. Remove contact lenses if present and easy to ore in a well-ventilated place. Keep cool. Use only as directed. KEEP OUT
16.2	Terms & Definitions:	See next page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's and K&N Engineering, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	K&N Engineering, Inc. P.O. Box 1329 Riverside, CA 92502-1329 USA Tel: +1 (800) 858-3333 Fax: +1 (951) 826-4001 E-Mail: tech@knfilters.com http://www.knfilters.com	THE WORLD'S BEST AIR FILTER
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	ShipMate  Dangerous Goods Training & Consulting



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## **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

### **GENERAL INFORMATION:**

CAS NO.   Chemical Abstract Service Number	CAS No.   Chemical Abstract Service Number
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#### **EXPOSURE LIMITS IN AIR:**

ACGIH	American Conference on Governmental Industrial Hygienists	
С	Ceiling Limit	
IDLH	Immediately Dangerous to Life and Health	
OSHA U.S. Occupational Safety and Health Administration		
PEL	Permissible Exposure Limit	
TLV Threshold Limit Value		

### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the body

#### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

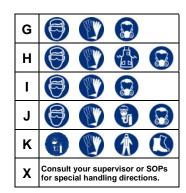
### **HEALTH, FLAMMABILITY & REACTIVITY RATINGS:**

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



#### PERSONAL PROTECTION RATINGS:

Α			
В			
С		型	
D		型	
E			
F		西	





lasses Splash Goggles



**Full Face Respirator** 

Synthetic Apron

Dust & Vapor Half-Mask Respirator









Full Face

Airline Hood/Mask

or SCBA

### OTHER STANDARD ABBREVIATIONS:

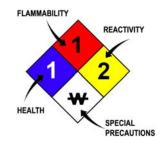
ML	Maximum Limit
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
SCBA	Self-Contained Breathing Apparatus

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:			
Autoignition	Minimum temperature required to initiate combustion in air with no other		
Temperature source of ignition			
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will		
	explode or ignite in the presence of an ignition source		
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will		
	explode or ignite in the presence of an ignition source		

#### **HAZARD RATINGS:**

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
ОХ	Oxidizer
TREFOIL	Radioactive



### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
	S
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD <sub>Io</sub>	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD <sub>Io</sub> , LD <sub>Io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>	
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL <sub>m</sub>	Median threshold limit
log Kow or log Koc	Coefficient of Oil/Water Distribution

### **REGULATORY INFORMATION:**

WHMIS	Canadian Workplace Hazardous Material Information System				
DOT	U.S. Department of Transportation				
TC	Transport Canada				
EPA	U.S. Environmental Protection Agency				
DSL	Canadian Domestic Substance List				
NDSL	Canadian Non-Domestic Substance List				
PSL	Canadian Priority Substances List				
TSCA	U.S. Toxic Substance Control Act				
EU	European Union (European Union Directive 67/548/EEC)				
WGK	Wassergefährdungsklassen (German Water Hazard Class)				

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>(*)</b>	<b>(2)</b>	(3)	$\odot$	(18)		
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### EC (67/548/EEC) INFORMATION:

L.		M	*		<b>*</b>	×	×
О	E	F	Ν	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

## CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			$\Diamond$		<b>1</b>
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

<u>CHEMTREC</u>	
n-Country Dial Numbers	

Local # Provided in Country

Toll Free in Country\*

**Greeting Language** 

AFRICA						
CHEMTREC South Africa*		0-800-983-611	English			

SOUTH AMERICA						
CHEMTREC Argentina (Buenos Aires)	+(54)-1159839431		Latin American Spanish			
CHEMTREC Brazil (Rio De Janeiro)	+(55)-2139581449		Portuguese			
CHEMTREC Chile (Santiago)	+(56)-225814934		Latin American Spanish			
CHEMTREC Colombia *		01800-710-2151	Latin American Spanish			
CHEMTREC Mexico*		01-800-681-9531	Latin American Spanish			
CHEMTREC Peru (Lima)	+(51)-17071295		Latin American Spanish			

	ASIA							
CHEMTREC China*	4001-204937		Mandarin					
CHEMTREC Hong Kong (Hong Kong)*		800-968-793	Cantonese					
CHEMTREC India *		000-800-100-7141	Hindi					
CHEMTREC Indonesia*		001-803-017-9114	Indonesian					
CHEMTREC Japan (Tokyo)	+(81)-345209637		Japanese					
CHEMTREC Malaysia *		1-800-815-308	Malay					
CHEMTREC Philippines *		1-800-1-116-1020	Tagalog					
CHEMTREC Philippines (Manila)	+(63) 632-395-3308		Tagalog					
CHEMTREC Singapore*		800-101-2201	English and Mandarin					
<b>CHEMTREC Singapore</b>	+(65)-31581349		English and Mandarin					
<b>CHEMTREC South Korea*</b>		00-308-13-2549	Korean					
CHEMTREC Taiwan*		00801-14-8954	Mandarin					
CHEMTREC Thailand *		001-800-13-203- 9987	Thai					

AUSTRALASIA						
CHEMTREC Australia (Sydney)	+(61)-290372994		English			
CHEMTREC New Zealand (Auckland)*	+(64)-98010034		English			

	EUROPE		
CHEMTREC Belgium (Brussels)	+(32)-28083237		French and Flemish
CHEMTREC Czech Republic (Prague)	+(420)-228880039		Czech
CHEMTREC Denmark	+(45)-69918573		Danish
CHEMTREC France	+(33)-975181407		French
CHEMTREC Germany *		0800-181-7059	German
<b>CHEMTREC Hungary (Budapest)</b>	+(36)-18088425		Hungarian
CHEMTREC Italy *		800-789-767	Italian
CHEMTREC Italy (Milan)	+(39)-0245557031		Italian
CHEMTREC Netherlands	+(31)-858880596		Dutch
<b>CHEMTREC Poland (Warsaw)</b>	+(48)-223988029		Polish
CHEMTREC Portugal	+(351)-308801773		Portuguese
CHEMTREC Russia*		8-800-100-6346	Russian
CHEMTREC Slovakia (Bratislava)	+(421)-233057972		Slovak
CHEMTREC Spain*		900-868538	European Spanish
CHEMTREC Sweden (Stockholm)	+(46)-852503403		Swedish
CHEMTREC Switzerland (Zurich)	+(41)-435016715		Swiss German, French and Italian
CHEMTREC UK (London)	+(44)-870-8200418		English

MIDDLE EAST						
CHEMTREC Bahrain (Bahrain)	+(973)-16199372		Arabic			
CHEMTREC Israel (Tel Aviv)	+(972)-37630639		Hebrew			

\*Phone numbers for countries marked with an asterisk must be dialed within the country