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

SDS Revision: 2.0

SDS Revision Date: 12/26/2014

		1.	PRODUC	T & COM	PANY	IDE	NTIF	ICA	101	1					
1.1	Product Name:	K & N All													
1.2	Chemical Name:	See ingredien													
1.3	Synonyms:	None													
1.4	Trade Names:	K & N Air Filte	r Oil Aerosol												
1.5	Product Use:	Automotive Lu													
1.6	Distributor's Name:	K&N Engineer													
.7	Distributor's Address:		0.	A 92502-1329	USA										
.8	Emergency Phone:	1.0. Dox 1020, 1410c101dc, 07102002 1020 0071													
1.9	Business Phone / Fax:	+1 (800) 858-			+1 (703	<i>J</i> <u>J</u> <u>L</u> I -	<u> </u>	100	14 03	27 13					
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				AZARDS											
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		and other igni	tion sources	No smoking.	P211 – D	o not s	nrav o	n an o	nen fla	me or	other	ianitio	n	Ă	
		source. P25	1 – Do not p	ierce or burn.	even aft	er use.	P28	0 – W	/ear pi	rotectiv	/e alo	ves/ev	e		
				SWALLOWE										/ .T	
				P308+P313 -											
		P405 – Store													
		exceeding 50	°C (122 °F).	P501 - Dispos	se of cont	ents/ co	ontaine	er to ar	appro	oved w	aste o	disposa	al	_	
		plant.													
.2	Effects of Exposure:	Ingestion:	If product is sv	vallowed, may	cause na	usea, v	omitino	g and/c	or diarr	hea.					
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	1			product may b	e irritating	to the	nose,	throat	and otl	her tiss	sues o	f the re	espirat	ory s	ystem.
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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 2.0 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** 2 Aggravated by Exposure: target organs (eyes, skin, and respiratory system). **FLAMMABILITY** 4 **PHYSICAL HAZARDS** 0 PROTECTIVE EQUIPMENT X **EYES** SKIN 5. FIREFIGHTING MEASURES The flammability of an aerosol by WHMIS definition is determined by its flame-extension or its Fire & Explosion Hazards flashback. The flame extension of this product is great than 45 cm. Fire Code: Level 3 Aerosol (as per NFPA 30B). Do not use in presence of open flames or sparks. Do not place in hot water or near radiators, stoves or other sources of heat. Exposure to heat or sunlight may cause cans to burst and propel contents. Water from fog nozzles may be helpful in cooling un-ruptured containers to prevent build-up. Burning may produce hazardous products of combustion including fumes, smoke, carbon dioxide and/or carbon monoxide. Leaking gas fire: Do not extinguish, unless leak can be stopped safely Extinguishing Methods Dry chemical, foam, carbon dioxide. 5.3 Firefighting Procedures: Cool containing vessels with water spray in order to prevent pressure build-up, auto-ignition or explosion. Avoid spreading burning liquid with water used to cool containers. Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full-face, selfcontained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious 6. ACCIDENTAL RELEASE MEASURES Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective 6.1 Spills 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: Do not use in the presence of open flame, sparks or ignition sources. Keep away from heat. Avoid breathing vapors or spray mists. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. After handling, always wash hand thoroughly with soap and water. Storage & Handling: 7.2 Store in a cool, dry place. Do not place in hot water or near radiators, stoves or sources of heat. Do not puncture or incinerate container or store at temperatures over 50°C or in direct sunlight. Maximum Recommended Shelf-Life: 60 months. Special Precautions: Contents under pressure. Container may explode if heated. Direct inhalation of spray may be harmful. Keep out of 7.3 reach of children.



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99-0516 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 2.0 SDS Revision Date: 12/26/2014 8. EXPOSURE CONTROLS & PERSONAL PROTECTION 8.1 Ventilation & Engineering Not required under normal conditions of use. Use with adequate ventilation (e.g., open doors and windows, local Controls: exhaust ventilation) 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 with side shields must be used when handling or using this product. A protective face shield is also recommended. Wear goggles and face shield if material is heated above 125°F (51°C). Have suitable eye wash water available. 8.4 Hand Protection: Wear protective, chemical-resistant gloves (e.g., neoprene) when using or handling this product. 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 Appearance: Red Oily Liquid Odor Characteristic Petroleum Odor 9.3 Odor Threshold: NA 9.4 pH: NA Melting Point/Freezing Point: 9.5 NA Initial Boiling Point/Boiling 9.6 > 260 °C (500 °F) Range: 9.7 Flashpoint > 232 °C (450 °F) liquid 9.8 Upper/Lower Flammability NA Vapor Pressure 9.9 NA 9.10 Vapor Density NA Relative Density: 0.864 (7.197 lbs/gallon) - liquid 9.11 9.12 Solubility Negligible @ 25 °C 9.13 Partition Coefficient (log Pow): NA 9.14 Autoignition Temperature: NA 9.15 Decomposition Temperature: NA Viscosity: 9.16 ≥ 7.5 cSt @ 100 °C Other Information: 9.17 NA 10. STABILITY & REACTIVITY 10.1 Stability Stable, when used as intended Hazardous Decomposition 10.2 Carbon, nitrogen and sulfur oxides, hydrocarbons, phosgene. 10.3 Hazardous Polymerization: Will not occur. Conditions to Avoid 10.4 Heat, sparks, open flame and all possible ignition sources. 10.5 Incompatible Substances: Avoid contact with strong oxidizing agents, strong reducing agents, strong acids and strong alkalis 11. TOXICOLOGICAL INFORMATION Inhalation: YES Absorption: NO 11 1 Routes of Entry: 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: Distillates, Petroleum, Solvent-Refined, Heavy Paraffinic - LD₅₀ (oral, rat) > 5000 mg/kg; LD₅₀ (dermal, rabbit) > 2000 mg/kg. 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: 2.0 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: Dispose of in accordance with local & state or provincial hazardous waste laws. U.S. EPA Characteristic Hazardous 13.1 Waste: D001 (ignitability) 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): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or CONSUMER COMMODITY, ORM-D - until 12/31/2020 IATA (AIR): UN1950, AEROSOLS, FLAMMABLE, 2.1 (LTD QTY, IP VOL ≤ 0.5 L); or 14.2 ID8000, CONSUMER COMMODITY, 9 (IP VOL ≤ 0.5 L) 14.3 IMDG (OCN): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L) TDGR (Canadian GND): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L); or 14.4 "LIMITED QUANTITY" or "QUANTITÉ LIMITÉE" or "LTD QTY" or "QUANT LTÉE" (IP VOL ≤ 1.0 L) ADR/RID (EU): 14.5 UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L) 14.6 SCT (MEXICO): UN1950, AEROSOLES, 2.1 (CANTIDAD LIMITADA, IP VOL ≤ 1.0 L) 14.7 ADGR (AUS): UN1950, AEROSOLS, 2.1 (LTD QTY, IP VOL ≤ 1.0 L)



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SDS Revision: 2.0

SDS Revision Date: 12/26/2014

		15. REGULATORY INFORMATION		
15.1	SARA Reporting	This product does not contain any substances subject to SARA Title III, section 313 reporting requirements.		
15.2	Requirements: SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.		
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.		
15.4	CERCLA Reportable Quantity (RQ):	NA .		
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 B5, D2B (Flammable Aerosol, 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).		
15.8	Other Requirements:	The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC: <u>Distillates (Petroleum), Hydrotreated Heavy Paraffinic</u> : Toxic (T). <u>Risk Phrases</u> (R): 45 – May cause cancer. <u>Safety Phrases</u> (S):53-45 – Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). <u>Petroleum Gases, Liquefied Sweetened</u> : Extremely flammable (F+); Toxic (T). <u>Risk Phrases</u> (R): 12-45-46 – Extremely flammable. May cause cancer. May cause inheritable genetic damage. <u>Safety Phrases</u> (S): 53-45 – Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).		
16.1	Other Information:	16. OTHER INFORMATION DANGER! EXTREMELY FLAMMABLE AEROSOL. PRESSURIZED CONTAINER: MAY BURST IF HEATED. MAY		
		BE FATAL IF SWALLOWED AND ENTERS AIRWAYS. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wear protective gloves/eye protection. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50 °C (122 °F). KEEP OUT OF REACH OF CHILDREN.		
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		
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 ShipMate ShipMate ShipMate ShipMate ShipMate ShipMate		



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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

EXPOSURE LIMITS IN AIR:

ACGIH	ACGIH American Conference on Governmental Industrial Hygienists	
C 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

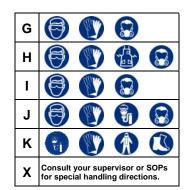
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

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		型	





Splash Goggles



Full Face Respirator

Synthetic Apron



Dust & Vapor Half-Mask Respirator





Protective Clothing & Full Suit Full Face



or SCBA

OTHER STANDARD ABBREVIATIONS:

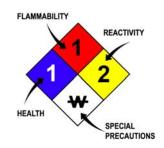
ML	Maximum Limit
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
SCBA	Self-Contained Breathing Apparatus

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

REGULATORY INFORMATION:

WHMIS	MIS Canadian Workplace Hazardous Material Information System	
DOT	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	(*)	(2)	(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:

		M	*			X	×
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

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

			\Diamond			\Diamond		\Partial
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				
CHEMTREC Singapore	+(65)-31581349		English and Mandarin				
CHEMTREC South Korea*		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
CHEMTREC Hungary (Budapest)	+(36)-18088425		Hungarian
CHEMTREC Italy *		800-789-767	Italian
CHEMTREC Italy (Milan)	+(39)-0245557031		Italian
CHEMTREC Netherlands	+(31)-858880596		Dutch
CHEMTREC Poland (Warsaw)	+(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