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SDS

Common Name: MULTI-LUBE 46**Manufacturer:** GARDNER DENVER GERMANY**SDS Revision Date:** 7/22/2008**SDS Format:** No Form at Specified**Grainger Item Number(s):** 2GKG6**Manufacturer Model Number(s):**

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ELMO RIETSCHLE

A GARDNER DENVER PRODUCT

MULTI-LUBE 46

EU SAFETY DATA SHEET (91/155/EWG)

1 MATERIAL, PREPARATION AND COMPANY NAME



1.1 PRODUCT NAME: MULTI-LUBE 46

1.2 INTENDED USE: VACUUM PUMPS AND COMPRESSOR OIL

1.3 DETAILS OF SUPPLIERS:
GARDNER DENVER SCHOPFHEIM GMBH
POSTFACH 1260
79642 SCHOPFHEIM
GERMANY

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[HTTP://WWW.GD-ELMORIETSCHLE.COM](http://www.gd-elmorietschle.com)

1.4 EMERGENCY NUMBER: +49 (0) 7622-392-0

2 COMPOSITION / DETAILS OF COMPONENTS



2.1 CHEMICAL DESCRIPTION: HYDROCARBON MIXTURES AND ADDITIVES

2.2 COMPOSITION / INFORMATION ON COMPONENTS: NONE

3 POSSIBLE HAZARDS



UNDER NORMAL CONDITIONS OF USE THIS PRODUCT IS NOT CONSIDERED HAZARDOUS UNDER EU DIRECTIVES (CF. SECTION 15)

3.1 HEALTH RISKS:

UNDER NORMAL CONDITIONS OF PROPER USE THIS PRODUCT DOES NOT CONSTITUTE A RISK TO HEALTH. EXCESSIVE EXPOSURE MAY LEAD TO IRRITATION OF THE EYES, SKIN OR AIRWAYS.

FOR OTHER HEALTH EFFECTS/TOXICOLOGICAL DATA SEE SECTION 11.

3.2 OTHER INFORMATION:

THIS PRODUCT SHOULD NOT BE USED FOR OTHER THAN THE INTENDED PURPOSES WITHOUT CONSULTATION WITH SPECIALISTS.

4 FIRST AID MEASURES



4.1 AFTER INHALING:

NO PROBLEMS TO BE EXPECTED. IF, HOWEVER, IRRITATION OCCURS IN THE AIRWAYS, DIZZINESS, SICKNESS OR LOSS OF CONSCIOUSNESS BECAUSE OF EXCESSIVE EXPOSURE TO VAPORS OR MIST, SEEK MEDICAL HELP IMMEDIATELY. SHOULD THE VICTIM STOP BREATHING USE MECHANICAL AIDS OR MOUTH TO MOUTH RESUSCITATION TO START BREATHING AGAIN.

4.2 AFTER CONTACT WITH THE SKIN:

WASH ANY SPLASHES WITH SOAP AND WATER. CHANGE AND CLEAN OIL-SMEARED CLOTHING EVERY DAY AND WASH AFFECTED BODY PARTS (SEE SECTION 16 - INJECTION INJURIES).

4.3 AFTER CONTACT WITH THE EYES:

RINSE THOROUGHLY WITH WATER. PLEASE CONSULT A DOCTOR SHOULD IRRITATION PERSIST.

4.4 AFTER SWALLOWING:

NO PROBLEMS TO BE EXPECTED. SEEK MEDICAL HELP IF YOU FEEL UNWELL. DO NOT INDUCE VOMITING.

5 FIRE FIGHTING MEASURES



5.1 SUITABLE EXTINGUISHING AGENTS: CARBON DIOXIDE, FOAM, POWDER AND WATER MIST

5.2 UNSUITABLE EXTINGUISHING AGENTS: WATER

5.3 HAZARDOUS DECOMPOSITION PRODUCTS / COMBUSTION PRODUCTS:
FUMES, SMOKE, CARBON MONOXIDE, SULPHUR OXIDE, ALDEHYDE AND OTHER
DECOMPOSITION PRODUCTS WHEN NOT COMPLETELY BURNT.

5.4 UNUSUAL RISK OF FIRE OR EXPLOSION: NONE

5.5 SPECIAL FIREFIGHTING MEASURES:

A STORAGE CONTAINER EXPOSED TO FIRE MUST BE COOLED WITH WATER. SPRAY WATER MIST CAN BE USED TO CONTINUE TO RINSE THE SOURCE OF IGNITION. FIREFIGHTING WATER, EVEN IN A DILUTED FORM, MUST NOT GET INTO RECEIVING WATERS OR FRESH WATER PRODUCTION AREAS.

5.6 SPECIAL PROTECTIVE EQUIPMENT:

FIRE FIGHTERS MUST WEAR COMPRESSED AIR BREATHING APPARATUS IN CLOSED AREAS.

6 ACTION TO BE TAKEN IF IT IS RELEASED UNINTENTIONALLY



6.1 NOTIFICATION PROCEDURE:

INCIDENTS WHERE THE PRODUCT IS RELEASED INTO THE ENVIRONMENT MUST BE REPORTED IMMEDIATELY TO THE RESPONSIBLE AUTHORITIES IN ACCORDANCE WITH STATUTORY REGULATIONS, IN THE EVENT OF AN ACCIDENT WITH SUBSTANCES THAT ARE HAZARDOUS TO WATER ESCAPING, ALERT THE POLICE AND THE FIRE BRIGADE.

6.2 PERSONAL PRECAUTIONS: SEE SECTION 8

6.3 ENVIRONMENTAL PROTECTION MEASURES:

PREVENT THE PRODUCT PENETRATING INTO SEWERS, WATER OR LOW-LYING AREAS. INFORM THE RESPONSIBLE AUTHORITIES IF THE PRODUCT IS CONTAMINATING OR HAS CONTAMINATED THE EARTH OR VEGETATION.

6.4 CLEANING PROCEDURE:

GROUND POLLUTION:

SEAL LEAKS USING REASONABLE PRECAUTIONARY MEASURES. TAKE SUITABLE MEASURES TO PROTECT GROUND WATER. ELIMINATE BY PUMPING OR CONTAINING WITH SAND OR OTHER SUITABLE ADSORBING AGENTS AND THEN REMOVE MECHANICALLY INTO CONTAINERS. IF NECESSARY ADSORBENT MATERIAL MUST BE DISPOSED OF IN ACCORDANCE WITH SECTION 13.

WATER POLLUTION:

RESTRICT POLLUTION WITH FLOATING BARRIERS. WARN ANY SHIPS NEARBY, INFORM PORT AND OTHER RESPONSIBLE AUTHORITIES. REMOVE FROM THE SURFACE BY SKIMMING IT OFF OR ADSORB WITH A SUITABLE MATERIAL. IF APPROVED BY THE RESPONSIBLE AUTHORITIES, THE USE OF A SUITABLE DISPERSION AGENT SHOULD BE CONSIDERED IF LOCAL PROCEDURES GIVE APPROPRIATE RECOMMENDATIONS.

7 HANDLING AND STORAGE



7.1 HANDLING:

NO PARTICULAR PRECAUTIONS ARE NECESSARY EXCEPT FOR NORMAL GOOD PERSONAL HYGIENE. SEE SECTION 8 FOR INFORMATION ON ADDITIONAL PERSONAL PROTECTION MEASURES.

7.2 STORAGE CONDITIONS:

KEEP CONTAINER CLOSED WHEN NOT IN USE. DO NOT STORE IN OPEN OR UNLABELLED CONTAINERS. STORE AWAY FROM OXIDATION AGENTS AND FLAMMABLE MATERIALS. DO NOT STORE CLOSE TO SOURCES OF HEAT, SPARKS, FLAMES OR STRONG OXIDATION AGENTS.

7.3 OTHER INFORMATION:

PREVENT SMALL SPILLS AND LEAKS TO AVOID THE RISK OF SLIPPING.

WARNING:

EMPTY CONTAINERS CONTAIN RESIDUE (LIQUID AND/OR VAPORS) AND MAY BE DANGEROUS. DO NOT PRESSURISE, CUT, WELD, SOLDER, DRILL OR RUB DOWN. DO NOT EXPOSE SUCH CONTAINERS TO HEAT, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION.

THEY COULD EXPLODE AND CAUSE INJURY OR DEATH. DO NOT REFILL OR CLEAN

CONTAINERS BECAUSE RESIDUE IS DIFFICULT TO REMOVE. EMPTY DRUMS SHOULD HAVE RESIDUE REMOVED CAREFULLY AND CAREFULLY PASSED ON, CLOSED, TO A DRUM RECONDITIONER. ALL CONTAINERS MUST BE DISPOSED OF IN ACCORDANCE WITH ENVIRONMENTAL STANDARDS AND OFFICIAL REGULATIONS.

8 RESTRICTING EXPOSURE AND PERSONAL PROTECTIVE EQUIPMENT



8.1 TECHNICAL PROTECTIVE MEASURES:

IF MIST IS CREATED, APPROPRIATE VENTILATION, LOCAL EXTRACTION OR MECHANICAL BARRIERS MUST BE USED TO KEEP WITHIN EXPOSURE LIMITS.

8.2 COMPONENTS WITH LIMIT VALUES TO BE MONITORED AT THE WORKPLACE:

IF MIST / AEROSOLS COULD OCCUR THE FOLLOWING LIMITS ARE RECOMMENDED:

5 MG/M3 (AS OIL MIST) - ACGIH LIMIT (TLV).

10 MG/M3 (AS OIL MIST) - ACGIH SHORT-TERM EXPOSURE LIMIT (STEL).

5 MG/M3 (AS OIL MIST) - OSHA PERMISSIBLE EXPOSURE LIMIT (PEL).

(ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, USA;
OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION, USA)

8.3 BREATHING PROTECTION:

IF MIST IS CREATED AND/OR IF THE VENTILATION IS NOT APPROPRIATE, PERMISSIBLE AIR FILTERS MUST BE USED.

8.4 EYE PROTECTION:

WHERE THERE IS THE POSSIBILITY OF CONTACT WITH THE EYES, PROTECTIVE GLASSES WITH SIDE PROTECTION, GOGGLES OR A FACE PROTECTION SHIELD MUST BE WORN.

8.5 SKIN AND BODY PROTECTION:

NORMALLY NOT NECESSARY. IF SPRAYS OR SKIN CONTACT MAY OFTEN OCCUR, OIL-RESISTANT GLOVES AND/OR OTHER SUITABLE PROTECTIVE CLOTHING MUST BE WORN. IN ANY CASE GOOD PERSONAL HYGIENE RULES SHOULD BE FOLLOWED.

8.6 OTHER PROTECTIVE MEASURES: CF, SECTION 7

9 PHYSICAL AND CHEMICAL PROPERTIES



9.1 PHYSICAL STATE: LIQUID

9.2 COLOR: AMBER (LIGHT)

9.3 SMELL: MILD

9.4 BOILING POINT/RANGE: >316 DEG. C (600 DEG. F)

9.5 MELTING POINT/RANGE: NOT APPLICABLE

9.6 POUR POINT: -7 DEG. C (-6.67 DEG. C)

9.7 FLASH POINT: 218 DEG. C (425 DEG. F)

9.8 VISCOSITY:

43.4 MM2/S (43.4 CST) AT 40 DEG. C

6.7 MM2/S (6.7 CST) AT 100 DEG. C

9.9 FLAMMABILITY: NOT SPECIFIED

9.10 AUTO INFLAMMABILITY: NOT APPLICABLE

9.11 LOWER EXPLOSION LIMIT: APPROX. 0.9% VOLUME IN AIR

9.12 UPPER EXPLOSION LIMIT: APPROX. 7.0% VOLUME IN AIR

9.13 VAPOR DENSITY: >2.0

9.14 RELATIVE DENSITY:
15/4 C: 0.87

9.15 SOLUBILITY IN WATER: <0.1

9.16 DISTRIBUTION COEFFICIENT: >3.5

9.17 pH VALUE: NOT APPLICABLE

10 STABILITY AND REACTIVITY



10.1 STABILITY: STABLE

10.2 CONDITIONS TO BE AVOIDED:
EXTREME HEAT AND HIGH ENERGY IGNITION SOURCES

10.3 MATERIALS TO BE AVOIDED: STRONG OXIDATION AGENTS

10.4 HAZARDOUS POLYMERISATION: NOT TO BE EXPECTED.

10.5 HAZARDOUS DECOMPOSITION PRODUCTS:
THE PRODUCT DOES NOT DECOMPOSE AT AMBIENT TEMPERATURE.

11 TOXICOLOGY DETAILS



11.1 ACUTE ORAL TOXICITY:
PRACTICALLY NON-TOXIC (LD50 >200 MG/KG). BASED ON TESTS WITH SIMILAR PRODUCTS AND/OR THEIR COMPONENTS.

11.2 ACUTE DERMAL TOXICITY:
PRACTICALLY NON-TOXIC (LD50 >200 MG/KG). BASED ON TESTS WITH SIMILAR PRODUCTS AND/OR THEIR COMPONENTS.

11.3 ACUTE INHALATION TOXICITY:
PRACTICALLY NON-TOXIC (LC50 >5 MG/L). BASED ON TESTS WITH SIMILAR PRODUCTS AND/OR THEIR COMPONENTS.

11.4 ACUTE EYE TOXICITY:
PRACTICALLY NON-IRRITANT (DRAIZE IRRITATION SCORE: >6 - <15). BASED ON TESTS WITH SIMILAR PRODUCTS AND/OR THEIR COMPONENTS.

11.5 ACUTE SKIN TOXICITY:
PRACTICALLY NON-IRRITANT (PRIMARY IRRITATION SCORE: >0.5 - <3). BASED ON TESTS WITH SIMILAR PRODUCTS AND/OR THEIR COMPONENTS.

11.6 OTHER ACUTE EFFECTS:
ALTHOUGH AN ACUTE INHALATION STUDY HAS NOT BEEN PERFORMED WITH THIS PRODUCT, A LARGE NUMBER OF MINERAL AND SYNTHETIC OILS SUCH AS THOSE USED IN THIS PRODUCT HAVE BEEN TESTED. THESE TESTS INDICATED NO OTHER EFFECT EXCEPT FOR AN UNSPECIFIC INFLAMMATION REACTION IN THE LUNGS TO THE MINERAL OIL AEROSOL. THE PRESENCE OF ADDITIVES (IN A COMPARABLE CONCENTRATION) GAVE NO DIFFERENT RESULTS.

11.7 SUB-CHRONIC TOXICITY:
NO SIGNIFICANT NEGATIVE EFFECTS WERE FOUND IN A 13 WEEK LABORATORY STUDY DURING WHICH SIMILAR FORMULATIONS WERE APPLIED REPEATEDLY TO THE SKIN OF LABORATORY ANIMALS. THE DOSAGE WAS SIGNIFICANTLY HIGHER THAN WOULD BE EXPECTED IN NORMAL INDUSTRIAL EXPOSURE. THE ANIMALS WERE EXAMINED INTENSIVELY FOR THE EFFECTS OF THIS EXPOSURE (HAEMATOLOGY, SEROLOGY, URINE ANALYSIS, ORGAN WEIGHT, MICROSCOPIC TISSUE TESTS ETC.).

11.8 REPRODUCTION TOXICITY:

BASED ON LABORATORY TESTS FOR TOXICITY DEVELOPMENT WITH THE MAIN COMPONENTS OF THIS FORMULATION AND/OR MATERIALS WITH A COMPARABLE COMPOSITION, NO TERATOGENIC EFFECTS ARE EXPECTED AS A RESULT OF DERMAL EXPOSURE.

11.9 SENSITISATION:

BASED ON TESTS WITH THIS PRODUCT, ITS COMPONENTS OR SIMILAR PRODUCTS, SENSITISATION IS NOT EXPECTED.

11.10 CHRONIC TOXICITY:

REPEATED AND/OR PROLONGED EXPOSURE MAY CAUSE IRRITATION TO THE SKIN, THE EYES OR THE AIRWAYS. OVER EXPOSURE TO OIL MISTS MAY CAUSE A BUILD UP OF OIL DROPS AND/OR GRANULOMA FORMATION.

FOR MINERAL BASE OILS:

THE BASE OILS IN THIS PRODUCT ARE HEAVILY REFINED WITH SOLVENTS AND/OR HEAVILY HYDROGEN TREATED. LONG-TERM STUDIES WHERE THE STRONGLY TREATED OILS WERE APPLIED TO THE SKIN OF MICE SHOWED NO INDICATIONS OF CANCEROGENOUS EFFECTS. THESE RESULTS ARE CONTINUOUSLY CONFIRMED BASED ON SCREENING METHODS SUCH AS THE MODIFIED AMES TEST, IP-346 AND/OR OTHER ANALYTICAL METHODS.

FOR SYNTHETIC BASE OILS:

THE BASE OILS IN THIS PRODUCT WERE TESTED IN THE AMES TEST AND OTHER MUTAGENITY TESTS WITH NEGATIVE RESULTS. IT IS NOT EXPECTED THAT THESE BASE OILS WILL HAVE CANCEROGENOUS EFFECTS WITH CHRONIC DERMAL EXPOSURE.

12 ECOLOGICAL INFORMATION



AS NO SPECIAL ENVIRONMENTAL DATA IS AVAILABLE FOR THIS PRODUCT, THE ASSESSMENT IS BASED ON INFORMATION FOR COMPARABLE PRODUCTS.

12.1 PERSISTENCE AND DEGRADABILITY:

THE PRODUCT SHOULD BE BIOLOGICALLY DEGRADABLE IN PRINCIPLE. THE PRODUCT IS NOT VERY WATER SOLUBLE AND CAN BE LARGELY REMOVED FROM THE WATER WITH ABIOTIC PROCESSES, SUCH AS MECHANICAL SKIMMING. BECAUSE THE PRODUCT IS NOT VERY SOLUBLE IN WATER BIO AVAILABILITY IS NOT LIKELY. BECAUSE OF THE DISTRIBUTION COEFFICIENT OF n-OCTANOL / WATER (SEE SECTION 9) AN ACCUMULATION IN ORGANISMS IS POSSIBLE.

12.2 BEHAVIOUR IN ENVIRONMENTAL COMPARTMENTS:

12.3 MOBILITY:

IF RELEASED INTO THE ENVIRONMENT ADSORPTION IN SEDIMENT AND EARTH WILL BE AN IMPORTANT FEATURE.

12.4 ACCUMULATION POTENTIAL:

BECAUSE THIS PRODUCT IS NOT VERY SOLUBLE IN WATER, BIOLOGICAL ACCUMULATION IS NOT LIKELY. THEREFORE, BIO-AVAILABILITY FOR WATER ORGANISMS IS LOW.

12.5 ECOTOXIC EFFECTS:

AVAILABLE DATA ON ECOTOXICITY (LL50 >1000 MG/L) INDICATE THAT NO NEGATIVE EFFECTS ON WATER ORGANISMS ARE EXPECTED WITH THIS PRODUCT.

12.6 FURTHER INFORMATION:

ACCORDING TO THE FORMULA THE PRODUCT CONTAINS NO ORGANICALLY LINKED HALOGENS.

THE PRODUCT CONTAINS NO HALOGEN HYDROCARBONS THAT COULD DAMAGE THE OZONE LAYER. ACCORDING TO THE FORMULA THE PRODUCT CONTAINS NO HALOGENATED AROMATIC HYDROCARBON SUBSTANCES (E.G. PCB, PCT ETC.). THE PRODUCT CONTAINS ANORGANIC ZINC COMPOUNDS.

13 NOTES ON DISPOSAL



13.1 EUROPEAN WASTE CATALOGUE (EWC):

13 02 05 NON-CHLORINATED MACHINE, GEAR BOX AND LUBRICATION OILS ON A MINERAL OIL BASE

WASTE THAT IS CREATED BY THE PROPER USE OF THE PRODUCT WILL BE LABELLED WITH THE AFOREMENTIONED EUROPEAN WASTE KEY CODE. ABNORMAL USE OF THE PRODUCT AND/OR THE EXISTENCE OF POTENTIAL POLLUTION MAY MAKE IT NECESSARY FOR THE WASTE PRODUCER TO USE ANOTHER WASTE KEY NUMBER. THIS WASTE IS CONSIDERED HAZARDOUS WASTE UNDER THE EU DIRECTIVE 91/689/EEC ON HAZARDOUS WASTE AND IS SUBJECT TO THE PROVISIONS OF THIS DIRECTIVE IF ARTICLE 1 (5) OF THE DIRECTIVE DOES NOT APPLY.

13.2 PRODUCT:

THE PRODUCT IS SUITABLE FOR BURNING IN CLOSED, CONTROLLED FACILITIES. SUCH THERMAL UTILISATION MAY BE RESTRICTED BY LAWS AND DIRECTIVES. THE PRODUCT IS ALSO SUITABLE FOR REPROCESSING IN SUITABLE, REGISTERED FACILITIES. THE SELECTION OF THE DISPOSAL PROCEDURE DEPENDS ON THE COMPOSITION OF THE PRODUCT AT THE TIME OF DISPOSAL AND THE LOCAL DISPOSAL FACILITIES.

13.3 CONTAMINATED PACKAGING:

CONTAMINATED PACKAGING MUST BE EMPTIED IN THE BEST POSSIBLE WAY. IT CAN THEN BE RECYCLED OR REUSED AFTER BEING CLEANED APPROPRIATELY.

14 TRANSPORTATION INFORMATION



14.1 LAND TRANSPORT:

USA DOT: NOT HAZARDOUS GOODS

ADR / GGVS AND RID / GGVE: NOT HAZARDOUS GOODS

14.2 SEA TRANSPORT:

IMDG CODE / GGV SEE: NOT HAZARDOUS GOODS

14.3 AIR TRANSPORT:

IATA-DGR: NOT HAZARDOUS GOODS

ELECTROSTATIC CHARGE (50 PICOSIEMENS OR LESS): YES

15 REGULATIONS



15.1 CHEMICAL DESCRIPTION: NO LIST COMPONENTS

15.2 EU CLASSIFICATION AND LABELLING:

THIS PRODUCT IS NOT HAZARDOUS IN ACCORDANCE WITH THE EUROPEAN MATERIALS AND PREPARATION DIRECTIVE. THE PRODUCT DOES NOT HAVE TO BE LABELLED IN ACCORDANCE WITH EU DIRECTIVES.

15.3 STATUTORY ORDER ON HAZARDOUS INCIDENTS:

THE PRODUCT IS NOT HAZARDOUS UNDER THE TERMS OF 12. BLMSCHV., SUBSECTION 2(1) (STATUTORY ORDER ON HAZARDOUS INCIDENTS) DATED 26TH APRIL 2000.

15.4 CLASSIFICATION UNDER VBF: NONE

15.5 TECHNICAL CODE OF PRACTICE-AIR:

THE PRODUCT CONTAINS CLASS III ORGANIC SUBSTANCES.

15.6 WATER HAZARD CLASS (WHC): 1

15.7 OTHER REGULATIONS: NOT APPLICABLE

CHECKED LISTS:

1=IARC: 1

2=IARC: 2A

3=IARC: 2B

4=NTP: CARCINOGEN

4=NTP: PROBABLY CARCINOGEN

6=N: ALLERGY

7=SE: ALLERGY
8=SE: CARCINOGEN
9=DK: CARCINOGEN
10=D: TERATOGEN A
11=D: TERATOGEN B
12=DE: TERATOGEN C
13=DE: TERATOGEN D
14=D: CARCINOGEN A1
15=D: CARCINOGEN A2
16=D: CARCINOGEN B
17=AT: TERATOGEN A
18=AT: TERATOGEN B
19=A: TERATOGEN C
20=A: TERATOGEN D
21=CH: CARCINOGEN

A = AUSTRIA
CH = SWITZERLAND
D = GERMANY
DK = DENMARK
N = NORWAY
S = SWEDEN

16 OTHER INFORMATION



FURTHER INSTRUCTIONS ON EXPOSURE CAN BE FOUND IN THE PROFESSIONAL ASSOCIATION'S ACCIDENT PREVENTION REGULATIONS AND SAFETY RULES.

ACCORDING TO THE FORMULA THE PRODUCT CONTAINS NO PCBS.

HEALTH STUDIES HAVE SHOWN THAT MANY HYDROCARBONS CONSTITUTE A POTENTIAL RISK FOR HEALTH THAT VARIES FROM PERSON TO PERSON.

IN EACH CASE THE FOLLOWING INSTRUCTIONS SHOULD BE OBEYED:

WARNING OF INJECTION INJURY:

IF THE PRODUCT HAS BEEN INJECTED INTO OR UNDER THE SKIN OR INTO ANOTHER BODY PART, THE AFFECTED PERSON SHOULD BE TAKEN TO THE ACCIDENT AND EMERGENCY DEPARTMENT REGARDLESS OF THE APPEARANCE OR THE SIZE OF THE WOUND.

EVEN IF THERE ARE NO OR JUST SLIGHT SYMPTOMS OF A HIGH PRESSURE INJECTION, RAPID SURGICAL TREATMENT WITHIN THE FIRST FEW HOURS HAVE A SIGNIFICANT INFLUENCE ON THE EFFECTS.

INDUSTRIAL LABELLING:

THIS PRODUCT CONSTITUTES NO RISK TO HEALTH IF IT IS USED IN ACCORDANCE WITH THE INTENDED PURPOSE. EXCESSIVE CONTACT MAY LEAD TO IRRITATION OF THE EYES, SKIN OR AIRWAYS. GOOD PERSONAL HYGIENE MUST ALWAYS BE OBSERVED.

FIRST AID:

WASH SKIN WITH SOAP AND WATER. RINSE EYES WITH WATER. IF THE ATMOSPHERE IS EXCESSIVELY SMOKY OR STEAMY, TAKE THE VICTIM INTO THE OPEN AIR. AFTER INGESTING DO NOT INDUCE VOMITING. SHOULD SYMPTOMS PERSIST SEEK MEDICAL AID. READ AND UNDERSTAND THE SAFETY DATA SHEET BEFORE USING THE PRODUCT.

THE ABOVE INFORMATION ONLY RELATES TO THE DESIGNATED PRODUCT. IT MAY, HOWEVER, NO LONGER APPLY IF THE PRODUCT IS USED TOGETHER WITH OTHER MATERIALS OR IN ANOTHER PROCESSING PROCEDURE. THE INFORMATION CORRESPONDS WITH THE CURRENT STATUS OF OUR KNOWLEDGE AND EXPERIENCE BUT DOES NOT SIGNIFY ANY ASSURANCES OF SPECIFIC CHARACTERISTICS. IF LEGALLY PERMISSIBLE, WE ASSUME NO LIABILITY FOR THIS INFORMATION. THIS SAFETY DATA SHEET SUPERSEDES ALL PREVIOUS ONES.

16.1 R RATE INFORMATION:

16.2 DOCUMENTATION PRINTED ON: 14.3.2008

16.3 DOCUMENTATION CONTACT: W. KALLA

GARDNER DENVER SCHOPFHEIM GMBH DEUTSCH

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