

K-G SPRAY-PAK INC.
8001 KEELE STREET, P.O BOX 89
CONCORD; L4K 1Y8; ONTARIO
CANADA 905--669-9855

PRODUCT: 18390-01-336 ROC 40 RUST CONTROL 340G**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER K-G SPRAY-PAK INC.
8001 KEELE STREET P.O. BOX 89
ONTARIO
CANADA
L4K 1Y8
CANUTEC EMERGENCY #:1-613-996-6666(24HR)
PRODUCT NAME..... 18390-01-336 ROC 40 RUST CONTROL 340G
CHEMICAL FAMILY..... MIXTURE.
MOLECULAR WEIGHT..... NOT APPLICABLE.
CHEMICAL FORMULA..... MIXTURE.
TRADE NAMES & SYNONYMS..... 18390-01-336 ROC 40 RUST CONTROL 340G
PRODUCT USES..... RUST PREVENTATIVE FLUID, LUBRICANT, PENETRANT.
FORMULA/LAB BOOK #..... 004-3-292.

Section 02: COMPOSITION/INFORMATION INGREDIENTS

| Hazardous Ingredients | % | Exposure Limit | C.A.S.# | LD/50, Route,Species | LC/50 Route,Species |
|-----------------------|-------|----------------|---------|-------------------------------|---------------------------------|
| ISOBUTANE | 10-30 | 1000 ppm | 75-28-5 | NOT APPLICABLE | 142,500 ppm (4h) INHAL - RAT |
| PROPANE | 10-30 | 1000 ppm | 74-98-6 | >5000 mg/kg DERMAL-RABBITS | NOT AVAILABLE |

Section 03: HAZARDS IDENTIFICATION

ROUTE OF ENTRY:
INGESTION..... MAY CAUSE HEADACHE, NAUSEA, VOMITING, DIARRHEA AND WEAKNESS.
INHALATION..... MAY CAUSE RESPIRATORY TRACT IRRITATION. MINERAL OIL - VAPOURS OR MIST,
IN EXCESS OF PERMISSIBLE CONCENTRATIONS, OR IN UNUSUALLY HIGH
CONCENTRATIONS GENERATED FROM SPRAYING, HEATING THE MATERIAL OR
FROM EXPOSURE IN POORLY VENTILATED AREAS OR CONFINED SPACES, MAY
CAUSE IRRITATION OF THE NOSE AND THROAT, HEADACHE, NAUSEA AND
DROWSINESS. PROPELLANT IS A SIMPLE ASPHYXIANT.
EYE CONTACT..... VAPORS MAY IRRITATE.
SKIN ABSORPTION..... MAY CAUSE IRRITATION.
SKIN CONTACT..... CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.
EFFECTS OF ACUTE EXPOSURE..... Skin contact, eye contact, inhalation, and ingestion. .
EFFECTS OF CHRONIC EXPOSURE..... ASPIRATION OF THIS MINERAL OIL BASED PRODUCT MAY CAUSE CHEMICAL
PNEUMONITIS.
EXPOSURE LIMIT OF MATERIAL..... SEE SECTION 2.

Section 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR
AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH
THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR
OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE
VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... NOT APPLICABLE.
SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS
TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL
PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING
APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.
FLAMMABILITY..... EXTREMELY FLAMMABLE.
IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
UPPER FLAMMABLE LIMIT..... HYDROCARBON MIX = 6.5 APPROX.
(% BY VOLUME)
LOWER FLAMMABLE LIMIT..... HYDROCARBON = 0.6 APPROX.

PRODUCT: 18390-01-336 ROC 40 RUST CONTROL 340G**Section 05: FIRE FIGHTING MEASURES**

(% BY VOLUME)

EXPLOSION DATA

SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.

SENSITIVITY TO IMPACT..... NOT APPLICABLE.

HAZARDOUS COMBUSTION

PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION

CLASSIFIED AS:..... >15cm BUT LESS THAN 75cm.

FLASHBACK..... NONE.

FLASH POINT(°C), TAG CLOSED-CUP -40F BASED ON PROPANE/ISOBUTANE.

(CONCENTRATE)

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).

HANDLING PROCEDURES AND STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.

EQUIPMENT

SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... PROTECTIVE GLOVES FOR HYPERSENSITIVE PERSONS.

RESPIRATORY/TYPE..... IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.

EYE/TYPE..... SAFETY GLASSES.

FOOTWEAR/TYPE..... NOT NORMALLY REQUIRED.

OTHER/TYPE..... NOT REQUIRED.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.

APPEARANCE..... RED.

ODOR..... HYDROCARBON.

ODOR THRESHOLD..... NOT AVAILABLE.

VAPOUR PRESSURE(PSIG)-AEROSOL..... 65-75.

@ 20 C

BOILING POINT (°C)(CONC)..... NOT AVAILABLE.

EVAPORATION RATE..... LESS THAN 1.

n-BUTYL ACETATE = 1

VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.

(BY WEIGHT)

SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.

pH..... NOT APPLICABLE.

SPECIFIC GRAVITY (LIQUID)..... 0.84-0.88.

COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.

FREEZING POINT: (°C)..... NOT AVAILABLE.

AEROSOL PERCENT VOLATILE..... 40-41.

(BY WEIGHT).

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

CHEMICAL STABILITY:

YES..... UNDER NORMAL CONDITIONS.

NO, WHICH CONDITIONS?..... NOT APPLICABLE.

COMPATIBILITY WITH OTHER

SUBSTANCES:

NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.

REACTIVITY CONDITIONS?..... NOT APPLICABLE.

HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

PRODUCT: 18390-01-336 ROC 40 RUST CONTROL 340G**Section 11: TOXICOLOGICAL INFORMATION**

REPRODUCTIVE EFFECTS..... NONE KNOWN.
 IRRITANCY OF MATERIAL..... SKIN/EYE IRRITANT.
 SENSITIZING CAPABILITY OF MATERIAL..... UNKNOWN.
 CARCINOGENICITY OF MATERIAL..... THE INGREDIENTS OF THIS PRODUCT ARE NOT LISTED AS CARCINOGENS BY NTP, (NATIONAL TOXICOLOGY PROGRAM), NOT REGULATED AS CARCINOGENS BY OSHA, (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION), AND HAVE NOT BEEN EVALUATED BY IARC,(INTERNATIONAL AGENCY FOR RESEARCH ON CANCER), NOR BY ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS).
 TERATOGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.
 MUTAGENICITY..... NO INFORMATION IS AVAILABLE AND NO ADVERSE MUTAGENIC EFFECTS ARE ANTICIPATED.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATION

D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.
 T.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1).

Section 15: REGULATORY INFORMATION

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,B5.
 CNFC SECTION 3.3.5..... LEVEL 3.
 CEPA (Canadian Environmental Protection ... Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 1 SLIGHT HAZARD.
 HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
 HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.
 HMIS RATING PERSONAL PROTECTION.. B.
 NFPA CODE 30B..... LEVEL 3.
 SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS NO INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372.
 CALIFORNIA PROPOSITION 65:..... NAME: . CAS #: CHEMICAL
 THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
 . WARNING: THIS PRODUCT DOES NOT INTENTIONALLY CONTAIN ANY CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
 . CAS #:
 TSCA (Toxic Substances Control Act)..... CHEMICAL NAME: N/A.
 ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
 VOC (w/w%)..... 35.

Section 16: OTHER INFORMATION

NOTICE FROM K-G SPRAY- PAK INC THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY K-G SPRAY PAK INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. K-G SPRAY PAK INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS.
 PREPARED BY..... Regulatory Affairs
 PREPARATION DATE Aug14/13