

Material Safety Data Sheet

09/13/1996

GREASE OUT AEROSOL

Material Identification and Use

MANUFACTURER'S NAME... DIAMOND CHEMICAL COMPANY INC
MANUFACTURER'S ADDRESS... UNION AVE & DUBOIS ST. EAST RUTHERFORD NJ 07073
EMERGENCY PHONE NUMBER... 1-800-535-5053 - INFOTRAC
MANUFACTURER'S PHONE... 201-935-4300
COMMON NAME (LABELS ONLY)... GREASE OUT AEROSOL
PRODUCT IDENTIFIER... GREASE OUT AEROSOL
FORMULA... NA
CHEMICAL FAMILY... OVEN AND GRILL CLEANER AEROSOL

Hazardous Ingredients of Materials

Table with 3 columns: Chemical Identity, CAS, TLV#. Rows include SODIUM HYDROXIDE (1310-73-2, 2MG/M3), ISOBUTANE (75-28-5, 800 PPM), and PROPANE (74-98-6, 1000 PPM).

Physical Data For Product

ODOR AND APPEARANCE... CONCENTRATE IS COLORLESS LIQUID; PLEASANT ODOR
SPECIFIC GRAVITY/DENSITY (g/mL)... 1.050
VAPOR PRESSURE... UND.
VAPOR DENSITY (air=1)... NA
EVAPORATION RATE (IN BUTYL ACETATE =1)... NA
BOILING POINT... 212 DEGREES F (FOR CONCENTRATE)
FLAMMABLE LIMITS IN AIR=% VOLUME
VOLATILITY/VOL(%)... EXTREMELY FLAMMABLE
SOLUBILITY IN H2O... COMPLETE (FOR CONCENTRATE)

Fire and Explosion Hazard of Product

MEANS OF EXTINCTION... CO2, FOAM, DRY CHEMICAL
FLASHPOINT... UND.
UPPER FLAMMABLE LIMIT (% BY VOL)... NA
LOWER FLAMMABLE LIMIT (% BY VOL)... NA
AUTO-IGNITION TEMPERATURE... CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO GREATER THAN 120 DEGREES F. COOL FIRE EXPOSED CONTAINERS WITH WATER TO PREVENT RUPTURE.
SPECIAL... SAME AS ABOVE
UNUSUAL FIRE FIGHTING PROCEDURES... EXTREMELY FLAMMABLE; MAY EXPLODE @ 120 DEGREES F; CAN DECOMPOSE TO TOXIC MATERIALS UNDER FIRE CONDITIONS.

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Physical Hazards

CHEMICAL STABILITY..... STABLE
STABILITY CONDITIONS TO AVOID... KEEP AWAY FROM HEAT, SPARKS, AND FLAME; DO NOT EXPOSE CONTAINERS TO TEMPERATURES ABOVE 120 DEGREES F; DANGER OF EXPLOSION.
INCOMPATIBLE MATERIALS..... AVOID CONTACT WITH STRONG ACIDS
REACTIVITY IN WATER..... NONE
HAZARDOUS DECOMPOSITION PRODUCTS NA
HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR
CONDITIONS TO AVOID..... NONE

Health Hazard

ACUTE OVER EXPOSURE EFFECTS..... UND.
CHRONIC OVER EXPOSURE EFFECTS... UND.
MEDICAL CONDITIONS AGGREGATED BY EXPOSURE..... INHALATION-MAY CAUSE RESPIRATORY TRACT IRRITATION; HIGH VAPOR CONCENTRATION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION (HEADACHE, GIDDINESS, DIZZINESS, NAUSEA). EYES-MAY CAUSE SEVERE IRRITATION. SKIN-MAY CAUSE IRRITATION. INGESTION-MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION IF SWALLOWED IN SIGNIFICANT AMOUNTS.
EXPOSURE LIMIT USED..... NONE SET
CHEMICAL LISTED AS CARCINOGEN... NO
IARC MONOGRAPHS?..... NO
OSHA..... NO
ACGIH THRESHOLD LIMIT VALUE..... NONE SET
NATIONAL TOXICOLOGY PROGRAM..... NO
OSHA PEL..... UND.

Preventive Measures

RESPIRATORY PROTECTION..... PROVIDE ADEQUATE VENTILATION
LOCAL EXHAUST..... ADEQUATE
MECHANICAL EXHAUST..... SAME AS ABOVE
SPECIAL..... REQUIRED
OTHERS..... NONE
PROTECTIVE GLOVES..... NONE NEEDED UNDER NORMAL CONDITIONS.
EYE PROTECTION..... AVOID CONTACT WITH EYES; WEAR SAFETY GOGGLES IF CONTACT LIKELY.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT..... NONE NEEDED

FIRST AID Measures

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EMERGENCY AND FIRST AID PROCEDURES..... GENERAL:DO NOT SPRAY IN EYES; AVOID BREATHING CONCENTRATED VAPORS. SPECIFIC:
INHALATION-REMOVE TO FRESH AIR; IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION. EYES:FLUSH WITH WATER FOR 15 MINS.FLUSH UNDER LIDS AND ROTATE EYE AROUND; GET MEDICAL ATTENTION.
SKIN:WASH WELL WITH SOAPY WATER.
INGESTION:DRINK AT LEAST 2 GLASSES OF WATER TO DILUTE SUBSTANCE. DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

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Special Precautions and Spill and Leak Procedures

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HANDLING PROCEDURES AND EQUIPMENT..... STORE IN A COOL, DRY, WELL-VENTILATED AREA; PROTECT FROM IGNITION AND HEAT SOURCES, DO NOT STORE CONTAINERS OVER 120 DEGREES F; STORE AS A LEVEL 1 AEROSOL (NFPA 30B)

OTHER PRECAUTIONS..... EMPTY CONTAINERS RETAIN RESIDUE AND CAN IGNITE EXPLOSIVELY; DO NOT EXPOSE TO PRESSURE, HEAT, FLAME, SPARKS, OR STATIC ELECTRICITY. VAPORS CAN TRAVEL TO DISTANT IGNITION SOURCES AND CAUSE FLASHBACK.

STEP TO BE TAKEN IN CASE OF SPILL..... HIGHLY FLAMMABLE; KILL ALL IGNITION SOURCES; SOAK UP CONCENTRATE WITH INERT ABSORBANT AND PLACE IN CLOSED CONTAINERS FOR PROPER DISPOSAL; FLUSH RESIDUE DOWN DRAIN.

WASTE DISPOSAL METHODS..... FOLLOW ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING DISPOSAL.