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MSDS

Common Name: 070-000 BRAKE PARTS CLEANER**Manufacturer:** SPRAYWAY**MSDS Revision Date:** 8/3/2012**Grainger Item Number(s):** 45C009**Manufacturer Model Number(s):**

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MATERIAL SAFETY DATA SHEET

SPRAYWAY, INC.
1005 WESTGATE DRIVE
ADDISON, IL 60101

PRODUCT: 070-000 BRAKE PARTS CLEANER

A - COMPRESSED GAS
B - FLAMMABLE AND COMBUSTIBLE MATERIAL
D2 - MATERIALS CAUSING OTHER TOXIC EFFECTS

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER:

MANUFACTURED FOR:
SPRAYWAY, INC.
1005 WESTGATE DRIVE
ADDISON, IL 60101
800-332-9000

PRODUCT NAME: 070-000 BRAKE PARTS CLEANER



CHEMICAL FAMILY: HYDROCARBONS.

MOLECULAR WEIGHT: NOT APPLICABLE.

CHEMICAL FORMULA: NOT APPLICABLE.

TRADE NAMES & SYNONYMS: 070-000 BRAKE PARTS CLEANER

PRODUCT USES: DEGREASER/CLEANER.

EMERGENCY NUMBER US: 866-836-8855

SECTION 02: COMPOSITION/INFORMATION INGREDIENTS



HAZARDOUS INGREDIENTS	%	EXPOSURE LIMIT	C.A.S.#
HEPTANE	30-60	400 PPM	142-82-5
ACETONE	30-60	750 PPM	67-64-1
CARBON DIOXIDE	5-10	5000 PPM	124-38-9

HAZARDOUS INGREDIENTS	LD/50, ROUTE, SPECIES	LC/50 ROUTE, SPECIES
HEPTANE	>15000 MG/KG ORAL-RAT	NOT AVAILABLE
ACETONE	>9750 MG/KG ORAL - RAT	>16,000 PPM (4 HR) INHAL - RAT
CARBON DIOXIDE	NOT APPLICABLE	NOT AVAILABLE

SECTION 03: HAZARDS IDENTIFICATION



ROUTE OF ENTRY:

INGESTION: MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEARNESS.

INHALATION:

INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYMIANT.

EYE CONTACT: MAY CAUSE IRRITATION.

SKIN ABSORPTION: MAY BE ABSORBED BY THE SKIN.

SKIN CONTACT: MAY CAUSE IRRITATION.

EFFECTS OF ACUTE EXPOSURE: DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.

EFFECTS OF CHRONIC EXPOSURE: SOLVENTS MAY CAUSE DEFATTING DERMATITIS

EXPOSURE LIMIT OF MATERIAL: SEE SECTION 2.

SECTION 04: FIRST AID MEASURES



EMERGENCY FIRST AID PROCEDURE:

IF IN CONTACT WITH EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.

CONTACT A PHYSICIAN IMMEDIATELY. IF IN CONTACT WITH THE SKIN, WASH WELL WITH WATER. IF INGESTED, DRINK LARGE VOLUMES OF MILK OR WATER. DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY. IF BREATHING DIFFICULTY OCCURS, MOVE TO FRESH AIR.

SECTION 05: FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (DEG. C): 204-465.

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 APPARATUS 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 (% BY VOLUME): 12.8.

LOWER FLAMMABLE LIMIT (% BY VOLUME): 2.6.

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: >45 CM.

FLASH BACK: NONE.

FLASH POINT (DEG. C), TAG CLOSED-CUP (CONCENTRATE):

LOWEST KNOWN VALUE IS ACETONE @ -18C.

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 EQUIPMENT:

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

SYNERGISTIC MATERIALS: NONE KNOWN.

SECTION 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/TYPE: WEAR CHEMICAL RESISTANT GLOVES.

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: CLEAR, COLOURLESS.

ODOR: SOLVENT ODOR.

ODOR THRESHOLD: NOT AVAILABLE.

VAPOUR PRESSURE (PSIG)-AEROSOL @ 20 C: 80-100.

BOILING POINT (DEG. C) (CONC): 55-100.

EVAPORATION RATE N-BUTYL ACETATE = 1: GREATER THAN 1.

VAPOUR DENSITY (AIR=1) (BY WEIGHT): GREATER THAN 1.

SOLUBILITY IN WATER G/L (20 DEG. C): NEGLIGIBLE.

PH: NOT APPLICABLE.

SPECIFIC GRAVITY (LIQUID): 0.72-0.78.

COEFFICIENT OF WATER/OIL DIST: NOT AVAILABLE.

FREEZING POINT (DEG. C): NOT AVAILABLE.

AEROSOL PERCENT VOLATILE (BY WEIGHT): 99-100.

SPECIFIC GRAVITY (AEROSOL): 0.77-0.81.

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.

SECTION 11: TOXICOLOGICAL INFORMATION



REPRODUCTIVE EFFECTS:

BENZENE:
CAUSES FETOTOXICITY IN ANIMALS AT DOSES WHICH ARE MATERNALLY TOXIC.
DOES NOT IMPAIR FERTILITY.

CALIFORNIA PROPOSITION 65:

THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:

WARNING:

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

CAS #	CHEMICAL NAME
*71-43-2	BENZENE (TRACE AMOUNT IN HEPTANE)

TSCA (TOXIC SUBSTANCES CONTROL ACT):

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.

VOC (W/W%): <45.

SECTION 16: OTHER INFORMATION



NOTICE FROM SPRAYWAY, INC.

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PREPARED BY: TECHNICAL SERVICES

PREPARATION DATE: AUG 03/12