

AEROPRESS CORP. -- NORMAL BUTANE -- 6830-01-042-8102

===== Product Identification =====

Product ID:NORMAL BUTANE

MSDS Date:07/08/1986

FSC:6830

NIIN:01-042-8102

MSDS Number: CCJZV

=== Responsible Party ===

Company Name:AEROPRESS CORP.

Address:1324 N HEARNE

City:SHREVEPORT

State:LA

ZIP:71107

Country:US

Info Phone Num:318-221-6282/746-8991

Emergency Phone Num:318-221-6282

CAGE:MO708

=== Contractor Id

entification ===

Company Name:AEROPRESS CORP.

Address:1324 N HEARNE SUITE 200

Box:78688

City:SHREVEPORT

State:LA

ZIP:71107

Country:US

Phone:908-636-2430

CAGE:MO708

Company Name:BALKAMP INC

Address:2601 S HOLT ROAD

Box:City:INDIANAPOLIS

State:IN

ZIP:46241

Country:US

Phone:317-244-7241

CAGE:70842

Company Name:NAPA, A DIVISION OF LINCOLN AUTOMOTIVE

Address:ONE LINCOLN WAY

Box:City:ST. LOUIS

State:MO

ZIP:63120-1578

Country:US

Phone:414-255-5520

CAGE:050Q3

===== Composition/Information on I

Ingredients =====

Ingred Name:BUTANE
CAS:106-97-8
RTECS #:EJ4200000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:800 PPM
ACGIH TLV:800 PPM; 9596

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT RELEVANT.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:LUNGS AND CNS. ACUTE- AN ASPHYXIAN GAS. MAY CAUSE DIZZINESS, HEADACHE. EXPOSURE IN A CLOSED AREA COULD LEAD TO ASPHYXIATION AND DEATH. MAY BE NARCOTIC IN HIGH CONCENTRATIONS. MAY CAUSE EYE IRRITATION. CONTACT WITH LIQUID MAY CAUSE FROST BURNS. INGESTION NOT LIKELY. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, HEADACHE, DIZZINESS, DROWSINESS, UNCONSCIOUSNESS, RESPIRATORY ARREST, DEATH, FROST BURNS

===== First Aid Measures =====

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SEEK ADVICE OF AN OPHTHALMOLOGIST, URGENTLY. SKIN:TREAT FOR FROSTBITE. ORAL: NOT LIKELY TO OCCUR. PRODUCT IS A GAS.

===== Fire Fighting Measures =====

Flash Point Method:OC
Flash Point:-100F,-73C
Lower Limits:1.9
Upper Limits:8.5
Extinguishing Media:WATER SPRAY, CLASS A-B-C OR BC FIRE EXTINGUISHER. IF GAS HAS

NOT IGNITED, LP-GAS LIQUID/VAPOR MAY BE DISPERSED BY WATER.

Fire Fighting Procedures:ONLY SAFE WAY TO EXTINGUISH FIRE IS TO STOP FLOW OF GAS. IF FLOW CANNOT BE STOPPED, LET FIRE BURN ITSELF OUT WHILE COOLING CONTAINERS WITH WATER. STAY UPWIND.

Unusual Fire/Explosion Hazard:GAS IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CYLINDERS MAY EXPLODE.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. REMOVE LEAKING CYLINDER OUTDOOR IF POSSIBLE. ALLOW THE CYLINDER TO LEAK UNTIL EMPTY.
Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE CYLINDERS AT ROOM TEMPERATURES (BELOW 120F), AWAY FROM SOURCES OF IGNITION. DO NOT DROP CYLINDER.
Other Precautions:EXTREMELY FLAMMABLE. STORE AND USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. "EMPTY" CONTAINERS RETAIN RESIDUE. DO NOT PRESSURIZE, CUT, WELD OR EXPOSE TO FLAMES OR HEAT.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:STAY AWAY FROM GAS OR VAPOR (BECAUSE OF FIRE HAZARD).
Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV.
Protective Gloves:BUTYL RECOMMENDED
Eye Protection:GOGGLES RECOMMENDED
Other Protective Equipment:SAFETY SHOWER AND EYE WASH FOUNTAIN SHOULD BE LOCATED NEARBY. WEAR APPROPRIATE PROTECTIVE CLOTHING FOR RISK OF EXPOSURE.
Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:G2
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:31.1F,-0.5C
Vapor Pres:1639
Vapor Density:2.08
Spec Gravity:0.5844
Viscosity:NOT RELEVANT
Evaporation Rate

& Reference:NOT RELEVANT
Solubility in Water:SLIGHT
Appearance and Odor:EXTREMELY FLAMMABLE GAS
Percent Volatiles by Volume:100

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
OXIDIZING AGENTS
Stability Condition to Avoid:TEMPERATURES ABOVE 120F, SPARKS, OPEN
FLAMES
Hazardous Decomposition Products:IT MAY DECOMPOSE TO CARBON MONOXIDE,
CARBON DIOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods:CONTROLLED BURNING IN FULL COMPLIANCE WITH
LOCAL, STATE AND FEDERAL REGULATIONS.

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