View NSN Online: https://aerobasegroup.com/nsn/2530-01-437-4242

Product ID:BRAKE SYSTEM HYDRO-BOOST, (SEE SUPPL.)

MSDS Date:04/22/1999

FSC:2530

NIIN:01-437-4242

Status Code:A

MSDS Number: CLHPQ === Responsible Party ===

Company Name: BOSCH BRAKING SYSTEMS

Address:3737 RED ARROW HIGHWAY

City:ST. JOSEPH

State:MI ZIP:48085 Country:US Info Phone N

um:(616) 428-6385

Emergency Phone Num:(616) 428-7500 Resp. Party Other MSDS Num.:BBS0002

CAGE:UO639

=== Contractor Identification ===

Company Name: BOSCH BRAKING SYSTEMS

Address:3737 RED ARROW HIGHWAY

Box:City:ST. JOSEPH

State:MI ZIP:48085 Country:US

Phone: (616) 428-6385

CAGE:UO639

Company Name: GENERAL MOTORS CORP

Address: GENERAL MOTORS BUILDING 3044 GRAND BLVDW

Box:City:DETROIT

State:MI

ZIP:48202-3091 Country:US

Phone:301-258-1535

CAGE:24617

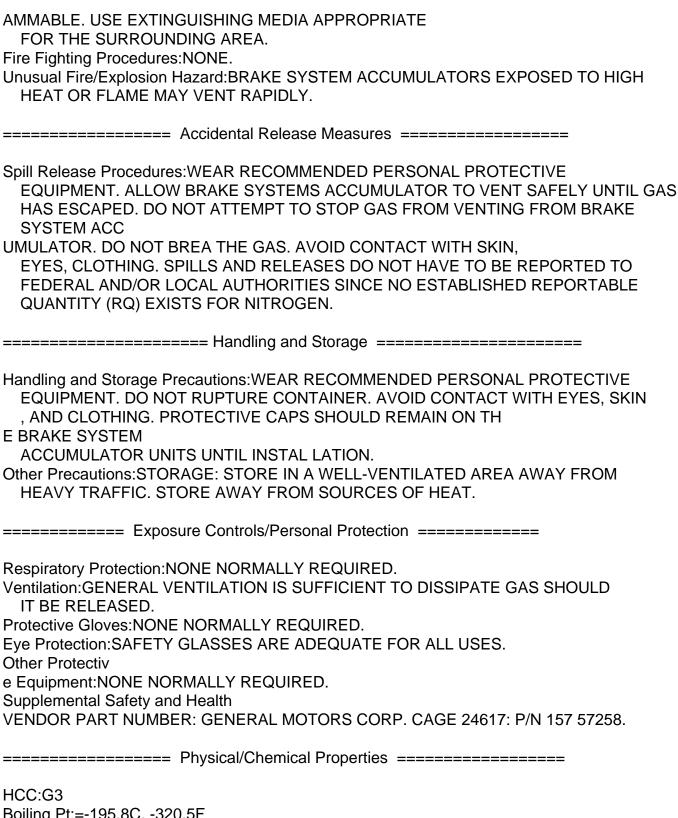
====== Composition/Information on Ingredients

-----Ingred Name: NITROGEN (GASEOUS STATE) CAS:7727-37-9 RTECS #:QW9700000 = Wt:100.Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic: SKIN: DO NOT EXPOSE SKIN TO VENTING GAS FROM CYLINDER, WHICH CAN CAUSE BURNS AND BLISTERS. EYES: MAY CAUSE CRYOGENIC BURNS IF EXPOSED TO VENTING GAS. INHALATION: NITROGEN IS AN AS PHYXIANT. NITROGEN UN DER HIGH PRESSURE CAN CAUSE NARCOSIS EVEN THOUGH SUFFICIENT OXYGEN IS PRESENT. THE QUANTITY CONTAINED IN THE BRAKE SYSTEM ACCUMULATOR IS NOT EXPECTED TO PRODUCE A HAZARDOUS ATMOSPHERE. INGESTION: NOT AN ANTICIPATED ROUTE OF ENTRY. DELAYED EFFECTS: NONE EXPECTED. Explanation of Carcinogenicity: NITROGEN IS NOT ON THE CARCINOGEN LISTS OF NTP STATUS, IARC STATUS, OSHA LIST. Effects of Overexposure: SKIN: BURNS AND BLISTERS. EYES: CRYOGENIC BURNS IF EXPOS ED TO VENTING GAS. INHALATION: NITROGEN IS AN ASPHYXIANT. NITROGEN UNDER HIGH PRESSURE CAN CAUSE NARCOSIS EVEN THOUGH SUFFICIENT OXYGEN IS PRESE NT. THE QUANTITY CONTAINED IN THE BRAKE SYSTEM ACCUMULATOR IS NOT EXPECTED TO PRODUCE A HAZARDOUS ATMOSPHERE, INGESTION: NOT AN ANTICIPATED ROUTE OF ENTRY, DELAYED EFFECTS: NONE EXPECTED. (105-115F, 41-45C). DO NOT USE HOT WATER. EYES: FLOOD EYES WITH

First Aid:NOTE: IF ANY OF THE SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION

MMEDIATELY. SKIN: WASH SKIN BY FLOODING OR SOAKING WITH WARM WATER WARM WA TER (105-115F, 41-45C). CONTACT A PHYSICIAN IMMEDIATELY. INHALATION: REMOVE AFFECTED PERSON TO FRESH AIR. CONTACT A PHYSICIAN IMMEDIATELY. INGESTION: NOT AN ANTICIPATED ROUTE OF ENTRY. ADVICE TO PHYSI CIAN: TREAT ACCORDING TO SYMPTOMS PRESENT.

Extinguishing Media:NOT FL



Boiling Pt:=-195.8C, -320.5F Melt/Freeze Pt:=-210.C, -346.F Vapor Density:.073(AIR=1

Spec Gravity: 0.967 (H20=1)

Evaporation Rate & Dry Reference: HIGH COMPARED TO BUTYL AC

Solubility in Water:1.52% BY VOLUME.

Appearance and Odor: GASEOUS NITROGEN IS COLORLESS AND ODORLESS

== Stability and Reactivity Data ==========
Stability Indicator/Materials to Avoid:YES NONE. Stability Condition to Avoid:DIRECT HEAT AND PRESSURE. NITROGEN IS
STABLE AT NORMAL CONDITIONS OF ORDINARY USE, HANDLING AND STORAGE UNDER NORMAL TEMPERATURE AND PRESSURE. Hazardous Decomposition Products:NONE
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Toxicological Information:IMMEDIATE (ACUTE) EFFECTS: SIMPLE ASPHYXIANT. DELAYED (SUBCHRONIC AND CHRONIC) E FFECTS: NONE EXPECTED. OTHER DATA: NONE.
========= Ecological Information ===========
Ecological:NONE EXPECTED.
======= Disposal Considerations ==========
Waste Disposal Methods:DISPOSE IN ACCORDANCE TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. UNUSED NITROGEN IS NOT A RCRA HAZARDOUS WASTE. THIS INFORMATION IS BASED ON PRODUCT AS SHIPPED. USE AND ALTERATIONS TO PR ODUCT SUCH AS MIXING WITH OTHER MATERIALS MAY CH
ANGE THE PRODUCT CHARACTERISTICS AND ALTER THE RCRA CLASSIFICATION AND THE PROPER DISPOSAL METHOD.
======== MSDS Transport Information ==========
Transport Information:U.S. DOT HAZARD CLASS: CLASS 2.2 _ NONFLAMMABLE GAS; PROPER SHIPPING NAME: ACCUMULATORS, PRESSURIZED, PNEUMATIC OR HYDRAULIC (CONTAINS NON-FLAMMABLE NITROGEN GAS); NA 1956. IATA: HAZARD CLASS 2.2 - NO NFLAMMABLE GAS; PROPER SHIPPING NAME: ARTICLE, PRESSURIZED, PNEUMATIC CONTAINS NON-FLA MMABLE GAS. IATA: UN 3164.
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Negulatory information
SARA Title III Information:CERCLA: "REPORTABLE QUANTITIES" (RQ'S) AND/OR "THRESHOLD PLANNING QUANTITIES" (TPQ'S) EXIST FOR THE FOLLOWING INGREDIENTS: NONE. SPILLS OR RELEASES RESULTING IN THE LOSS OF ANY INGREDIENT AT OR ABOVE ITS RQ REQUIRES IMMEDIATE NOTIFICATION TO THE NATIONAL RESPONSE CENTER (800-424-8802) AND TO YOUR LOCAL EMERGENCY PLANNING COMMITTEE. SECTION 311 HAZAR

D CLASS:

IMMEDIATE (PRESSURE). SARA 313 TOXIC CHE MICALS: THE FOLLOWING INRESIENTS ARE SARA 311 "TOXIC CHEMICALS": NONE.

Federal Regulatory Information: TSCA INVENTORY STATUS: EXEMPT:

ACCUMULATOR IS AN ARTICLE. NITROGEN GAS IS ON THE TSCA INVENTORY.

OTHER TSCA ISSUES: NONE.

State Regulatory Information: NONE LISTED.

=========== Other Information ==============

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