



ZEP Manufacturing Company of Canada
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Material Safety Data Sheet and Safe Handling and Disposal Information

SECTION I - PRODUCT INFORMATION

Issue Date 02/13/05
Supersedes 02/19/02
Product Name DYNA 143
Product No. 0366
Parts Cleaner

For MSDS Information:

Zep Manufacturing Company of Canada
Technical Services: (780) 453-8100

For Medical Emergency (24 Hour Service):

CANUTEC: (613) 996-6666 Call Collect

For a Transportation Emergency (24 Hour Service):

CANUTEC: (613) 996-6666 Call Collect

Printing date: 14/02/05

SECTION II - HAZARDOUS INGREDIENTS

**** LIGHT ALIPHATIC NAPHTHA **** solvent naphtha (petroleum), medium aliphatics; CAS# 64742-88-7; RTECS# NONE; SUPPLIER SUGGESTED
TLV - 100 ppm TLV: Not Available; % IN PROD: 60-100
LD50: Not Available SPECIES: Not Available ROUTE: Not Available
LC50: Not Available SPECIES: Not Available ROUTE: Not Available

THE WHMIS CLASSIFICATION FOR THIS PRODUCT IS: B3

SECTION III - TOXICOLOGICAL PROPERTIES

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced.

EFFECTS OF ACUTE EXPOSURE:

Over-exposure to the vapors from this product may produce mucous membrane irritation, particularly of the eye and respiratory tract. Over exposure to vapors may also produce mild central nervous system depression characterized by headache, dizziness, nausea, and stupor, leading to unconsciousness in extreme cases. Introduction of solvent, as in aspiration of vomitus fluid, may produce chemical pneumonia. Existing respiratory disorders and lung diseases may be aggravated by inhalation of vapors.

EFFECTS OF CHRONIC EXPOSURE:

Skin which is repeatedly defatted by contact with this product may be more susceptible to irritation, infection, or dermatitis. None of the hazardous ingredients are listed as carcinogens by IARC, NTP, or OSHA

PRIMARY ROUTES OF ENTRY: Inh, skin

SECTION IV - FIRST AID MEASURES

SKIN: Wash contaminated skin thoroughly with soap or a mild detergent. Apply a skin cream with lanolin. Get medical attention if irritation persists.

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.

INHALE: If symptoms occur, move affected person to fresh air. If symptoms persist, get medical attention promptly.

INGEST: Aspiration hazard - do not induce vomiting. If vomiting occurs, keep head below hip level. Get emergency medical attention immediately.

SECTION V - PHYSICAL DATA

BOILING POINT (C): 187 INITIAL
FREEZING POINT (C): Not Available
VAPOR PRESSURE(mmHg): <1.0 @ 20C
VAPOR DENSITY(AIR-1): 5.3
SOLUBILITY IN WATER: INSOLUBLE
APPEARANCE AND ODOR: A CLEAR, WATER-WHITE LIQUID WITH A MILD ODOR.
SPECIFIC GRAVITY: 0.79
VOC CONTENT (CONCENTRATE): 100.0% 0.789 Kg/L
EVAPORATION RATE (BUTYL ACETATE =1): 0.14
pH(CONCENTRATE): Not Available
pH(USE DILUTION OF Not Available): Not Available

SECTION VI - PREVENTATIVE MEASURES

SPECIAL PROTECTION INFORMATION:

PROTECTIVE CLOTHING: Wear neoprene, nitrile, or natural rubber gloves or gloves with proven resistance to the ingredients listed.

EYE PROTECTION: Wear tight-fitting splash-proof safety glasses especially if contact lenses are worn.

RESPIRATORY PROTECTION: When exposure levels exceed PEL/TLV (likely in confined areas) use an organic vapor respirator.

VENTILATION: Provide local exhaust/ventilation as needed to keep concentration of vapors below exposure limits (PEL/TLV).

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Observe safety precautions in Section 6 during clean-up. Absorb spill on inert absorbent material (e.g. Zep-O-Zorb). Pick up and place residue in a suitable waste container. Wash area thoroughly with a detergent solution.

WASTE DISPOSAL METHOD:

Unusable material should be properly drummed. Consult local, provincial, and federal agencies for proper methods of disposal. Do not contaminate water supply when disposing of wastes or containers.

PRECAUTIONS TO BE TAKEN WHEN HANDLING AND STORING:

Combustible! Store and use away from heat, sparks, open flame, or any source of ignition. Post "No Smoking" signs according to local regulations for combustible liquids. Keep product away from skin and eyes. Do not breathe spray mists or vapors. Clothing or shoes which become contaminated with substance should be removed promptly and not worn until thoroughly cleaned. Store tightly-closed container in a dry area at temps. between 4-49 degrees C. Keep out of the reach of children

TRANSPORTATION DATA

TDG I.D. NUMBER: Not Available

TDG PROPER SHIPPING NAME: TDG, NON-REGULATED

TDG HAZARD CLASS: Not Available

TDG PACKAGING GROUP: Not Available

TDG LABEL/PLACARD: Not Available

SECTION VII - FIRE AND EXPLOSION HAZARDS

FLASH POINT(C) (METHOD USED): 62 TCC

FLAMMABLE LIMITS : LOWER: 1% UPPER: 7%

CONDITIONS OF FLAMMABILITY: Heat, open flame, spark, and oxidizing agents.

AUTOIGNITION TEMPERATURE (C) : Not Available

MEANS OF EXTINCTION: Carbon dioxide, dry chemical, water fog, foam.

FIRE FIGHTING: Wear self-contained positive pres. breathing apparatus.

FIRE HAZARD: Direct water onto intact containers to prevent bursting.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide, and other unidentified organic compounds.

EXPLOSION DATA: Not Available

SECTION VIII - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY(AVOID): Heat, open flame, spark, and oxidizing agents.

REACTIVITY: Will not occur.

HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, and other unidentified organic compounds.

SECTION IX - PREPARATION INFORMATION

Prepared By: Zep Technical Services, Zep Manufacturing Company of Canada, Edmonton, Alberta
For MSDS Information, telephone: (780) 453-8100

Date of Preparation : 02/13/05