

MATERIAL SAFETY DATA SHEET

I PRODUCT IDENTIFICATION AND USE

PRODUCT: **ACETAMINOPHEN- SL**

MANUFACTURER:

Diagnostic Chemicals Limited
16 McCarville St
West Royalty Industrial Park
Charlottetown, P.E.I.
Canada C1E-2A6
902-566-1396

CHEMICAL/PRODUCT NAME: **Acetaminophen-SL**

CATALOGUE NUMBER: **505-10, 505-30, 505-29, 505-29S***

* Standard only

PRODUCT USE: For the IN VITRO quantitative determination of acetaminophen

DATE OF MSDS PREPARATION: March 5, 2003

MSDS PREPARED BY: Cathie MacNeill

EMERGENCY TELEPHONE NO.: 902-566-1396

II COMPOSITION, INGREDIENT INFORMATION

COMPONENT

CAS REGISTRY NUMBER

R1 Enzyme Reagent	n.ap.
R2 Color Reagent (contains Sodium Carbonate @ 1%)	497-19-8

III HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW

Physical and health hazard information on reagent mixtures have not been determined. Any physical and health information noted is based 1) on evaluation of data for the pure ingredients, and 2) concentration of ingredients as packaged.

POTENTIAL HEALTH EFFECTS:

-
ROUTE OF ENTRY/EXPOSURE:
EYE CONTACT:[X] SKIN CONTACT: [X]
INHALATION: [X] INGESTION: [X] SKIN ABSORPTION: [X]

EFFECTS OF ACUTE EXPOSURE TO PRODUCTS:

EYES: May cause irritation

SKIN: May cause irritation

INHALATION: May cause irritation to mucous membranes and upper respiratory tract.

INGESTION: May be harmful if ingested.

EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated exposure to the Enzyme Reagent R1 may result in an allergic response to certain sensitive individuals.

IV FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes and obtain medical attention.

SKIN: In case of contact, immediately flush area with plenty of water.

INHALATION: If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and obtain medical attention.

INGESTION: If ingested, drink plenty of fluids and obtain medical attention.

V FIRE AND EXPLOSION HAZARDS

FLAMMABLE: No

FLASH POINT: n.ap.

FLAMMABLE LIMITS (% in Air): Lower : n.ap Upper: n.ap.

EXTINGUISHING MEDIA: As appropriate for fire in surrounding materials.

AUTOIGNITION TEMPERATURE: n.ap.

HAZARDOUS COMBUSTION PRODUCTS: n.ap.

EXPLOSION DATA: n.ap.

VI ACCIDENTAL RELEASE MEASURES

PROCEDURE TO BE FOLLOWED IN CASE OF LEAK OR SPILL:

Absorb small leaks or spills with sponge, mop up large spills with plenty of soap and water. **Dispose of spilled and contaminated material in accordance with all federal, provincial, state and local regulations.**

VII HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Do not get in eyes, on skin, or clothing. Do not pipet by mouth. Wash thoroughly after handling.

STORAGE REQUIREMENTS: **2-8 °C**

VIII EXPOSURE CONTROLS, PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust not required

PERSONAL PROTECTIVE CLOTHING (PPE): Lab coat, safety glasses, and impermeable gloves.

RESPIRATORY PROTECTION: None required.

LEAK AND SPILL PROCEDURE: n.ap.

EXPOSURE LIMITS: n.av.

IX PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Enzyme Reagent R1- liquid, Color Reagent R2 - liquid

APPEARANCE: Enzyme Reagent R1- clear, colorless liquid,

Color Reagent R2- clear, pale yellow liquid

ODOUR THRESHOLD: n.av.

MELTING POINT: n.ap

BOILING POINT: n.av.

SPECIFIC GRAVITY: n.av.

VAPOUR PRESSURE: n.av.

VAPOUR DENSITY: n.av.

WATER SOLUBILITY: Soluble

EVAPORATION RATE: n.av.

pH at 25°: Enzyme Reagent R1= 8.6; Color Reagent R2 = 12.2

COEFFICIENT OF OIL/WATER DISTRIBUTION: n.av.

X STABILITY AND REACTIVITY

POSSIBLE HAZARDOUS REACTIONS/CONDITIONS: n.av.

CONDITIONS TO AVOID: n. av

MATERIALS TO AVOID: n. av.

HAZARDOUS DECOMPOSITION PRODUCTS: n.av.

XI TOXICOLOGICAL INFORMATION

LD₅₀ no data available

SENSITIZATION TO PRODUCT: Prolonged or repeated exposure to Enzyme Reagent R1 may result in allergic response to certain sensitive individuals.

NAME OF TOXICOLOGICAL SYNERGISTIC PRODUCTS: n.av.

IRRITANCY OF PRODUCT: n.av.

EVIDENCE OF CARCINOGENICITY, TERATOGENICITY, REPRODUCTIVE TOXICITY, MUTAGENICITY: no data available

XII ECOLOGICAL INFORMATION

Not known to be a water pollutant.

XIII DISPOSAL CONSIDERATIONS

Recommendation for disposal of unused product: **Observe all federal, provincial, state and local regulations.**

Recommendation for disposal of packaging: **Observe all federal, provincial, state and local regulations.**

XIV TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: Not Regulated

XV REGULATORY INFORMATION

The product does not contain ingredients listed as dangerous substances in Annex I of the EEC Directive 67/548.

Labelling: No European/International symbol Required

R43 May cause sensitisation by skin contact.

S24/25 Avoid contact with skin and eyes.

XVI OTHER INFORMATION

n.av. = not available *n.ap.* = not applicable

The information provided on this Material Safety Data Sheet is provided in the interest of promoting safe handling of the material. While this information is believed to be correct DCL makes no warranty in respect to any of the information disclosed. **Observe all federal, provincial, state and local laws concerning health and pollution.**

