

BAY OIL COMPANY
38 Plainfield St Chicopee, MA 01013
(418)787-7728. Fax (413)787-7730

page 1

MATERIAL SAFETY DATA SHEET
1997
MSDS ID CODE : NA
MSDS OTHER CODE: 360
PART NUMBER(S) : NA

SEPTEMBER 22

Section I

General Information

PRODUCT NAME: SNAIL OIL
SYNONYMS.....: BORAMIDE

MANUFACTURER.....: BAY OIL COMPANY
DIVISION.....: SAME
MFG PART NUMBER...: NA
ADDRESS.....: 38 PLAINFIELD STREET
CITY.....: CHICOPEE STATE : MA ZIP : 01013
EMERGENCY PHONE ..: 1-800-424-9300
OTHER CALLS: 1-413-737-7728

Section II Hazardous Ingredients/Identity Information

INGREDIENT NAME CAS NUMBER	PERCENTAGE	EXPOSURE LIMITS
BORIC ACID COMPOUNDS 68003-13-4	NA	OSHA PEL : NE ACGIH TLV: NE OTHER : NE
ALIPHATIC AMINE NA	NA	OSHA PEL : NE ACGIH TLV: NE OTHER : NE

MATERIAL SAFETY DATA SHEET

PAGE 2

Section III Physical/chemical Characteristics

BOILING POINT 212 F	MELTING POINT ND	FREEZING POINT 0 DEG F
EVAPORATION RATE BASIC ND RATE: SLOWER THAN WATER	VAPOR DENSITY (AIR=1) ND	SPECIFIC GRAVITY (WATER=1) 1.12@ 77F
PERCENT VOLATILE BY VOLUME ND	THEORETICAL VOC CONTENT PERCENT BY WEIGHT ND	WEIGHT PER GALLON 9.34 LB
pH INFORMATION pH VALUE: ND CONCENTRATION: ND	PHYSICAL STATE STATE: NA	VAPOR PRESSURE VALUE: ND

SOLUBILITY IN WATER:
COMPLETE

REACTIVITY IN WATER:
NOT REACTIVE

APPEARANCE AND ODOR: CLEAR, COLORLESS TO LIGHT AMBER, COLORED LIQUID WITH A SLIGHT AMMONIA TYPE ODOR.

Section IV Fire And Explosion Hazard Data

NFPA CODES: HEALTH .: 1	HMIS CODES: HEATHL .: 1
FLAMMABILITY .: 1	FLAMMABILITY .: 1
REACTIVITY .: 0	REACTIVITY .: 0
OTHER .: -	PROTECTION .: -

FLAMMABLE LIMITS IN AIR FLASH POINT

UPPER LIMIT .: ND	VALUE .: > 200 F
LOWER LIMIT .: ND	METHOD USED .: COC

AUTOIGNITION TEMPERATURE: ND

EXTINGUISHING MEDIA:
CARBON DIOXIDE, FOAM, DRY CHEMICAL (B-C)

SPECIAL FIRE FIGHTING PROCEDURES:

MATERIAL SAFETY DATA SHEET

Page 3

MSDS NUMBER : SYNKAD260
PRODUCT NAME: SYNKAD260 CORROSION INHIBITOR

Section IV Fire And Explosion Hazard Data - (CONT.)

SELF-CONTAINED BREATHING APPARATUS, FULL FACE PIECE, PRESSURE DEMAND,
PROTECTIVE CLOTHING. TREAT AS OIL FIRE. WATER MAY BE USED TO KEEP
CONTAINERS COOL.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
COMBUSTION CAN PRODUCE OXIDES OF NITROGEN,
EXPOSING PRODUCT TO INTENSE HEAT COULD CAUSE DRUMS TO RUPTURE.

Section V Reactivity Data

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE
(Y / N)? Y

CONDITIONS TO AVOID (REGARDING STABILITY):
PRODUCT IS STABLE UNDER NORMAL CONDITIONS OF USE.

INCOMPATIBILITY (MATERIALS TO AVOID);
STRONG OXIDIZING AND REDUCING AGENTS, STRONG ALKALI, COPPER AND
COPPER ALLOYS.

HAZARDOUS DECOMPOSITION PRODUCTS:
COMBUSTION CAN PRODUCE OXIDES OF CARBON AND NITROGEN,
INCOMPLETELY BURNED HYDROCARBON PRODUCTS.

HAZARDOUS POLYMERIZATION POSSIBLE (Y/N)? N

CONDITIONS TO AVOID (REGARDING~POLMERIZATION): NA

MATERIAL SAFETY DATA SHEET

Page 4

Section VI Health Hazard Data

ROUTES OF ENTRY:

PRIMARYLY: SKIN AND EYE
SECONDARY: INHALATION, INGESTION

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE:

SKIN - IRRITATION (REDNESS)
EYES - IRRITATION (REDNESS)

CHRONIC OVEREXPOSURE:

NO DOCUMENTED EFFECTS FOR THIS PRODUCT

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

NO DATA AVAILABLE

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN

NATIONAL TOXICOLOGY PROGRAM	IARC MONOGRAPHS	OSHA
(Y/N): N	(Y/N): N	(Y/N): N

Emergency And First Aid Procedures

EMERGENCY PHONE NUMBER OF MANUFACTURER: 1-413-737-7728

INHALATION:

REMOVE INDIVIDUAL TO FRESH AIR. GET MEDICAL ATTENTION IF
ILL EFFECTS DEVELOP.

EYE CONTACT:

FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IF
IRRITATION PERSISTS

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION:

NOT EXPECTED TO BE TOXIC. FOR LARGER AMOUNTS, GET MEDICAL
ATTENTION.

Section VII Precautions For Safe Handling And Use

HAZARD CLASS ...: NONE
US DOT ID: NONE
UN/NA NUMBER ..: NONE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
USE CHEMICAL GOGGLES OR FULL FACE SHIELD AND APRON
IF SPLASH CAN OCCUR. USE IMPERVIOUS GLOVES. STORE
IN DRY PLACE BETWEEN 40 AND 100 DEG F.

OTHER PRECAUTIONS:
WASH HANDS BEFORE EATING, CHANGE AND WASH CLOTHES
IF COUTAMINATED.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
SPILLS SHOULD BE TREATED LIKE AN OIL SPILL. USE
INERT MATERIAL TO ABSORB SMALL SPILLS. CONTAINMENT
BOOMS SHOULD BE USED FOR LARGER SPILLS. USE PROPER
CONTAINERS AND PERSONAL PROTECTIVE EQUIPMENT WHEN
HANDLING SPILLS.

WASTE DISPOSAL METHODS:
PROPER WASTE CHARACTERIZATION IS REQUIRED BEFORE
DISPOSAL. FOLLOW APPROPRIATE LOCAL, STATE AND
FEDERAL DISPOSAL REGULATIONS. DISPOSE AT APPROVED
FACILITIES.

Section VIII Control Measures

RESPIRATORY PROTECTION:
USE NIOSH APPROVED RESPIRATOR
IF VAPORS OR MISTS ARE PRESENT.

VENTILATION REQUIREMENTS:
NO SPECIAL REQUIREMENTS,
EXCEPT GOOD GENERAL VENTILATION.

LOCAL EXHAUST:
RECOMMENDED TO REDUCE POTENTIAL AIRBORNE CONTAMINANTS

MATERIAL SAFETY DATA SHEET

Section VIII Control Measures - (CONT.)

MECHANICAL:

RECOMMENDED. FULLY VENTILATE WORK AREA.

SPECIAL:

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

OTHER:

NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

EYE PROTECTION:

USE CHEMICAL GOGGLES OR FULL FACE SHIELD.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NO SPECIAL CLOTHING OR EQUIPMENT REQUIRED WHEN
HANDLING THIS PRODUCT. WHERE SPLASH CAN OCCUR
WEAR FACE AND EYE PROTECTION, ALSO USE APRON.

WORK/HYGIENIC PRACTICES:

WASH HANDS BEFORE EATING OR SMOKING. CHANGE CLOTHING IF
CONTAMINATED. WASH CONTAMINATED CLOTHING.

GENERAL INFORMATION

- NA - Not Applicable
- ND - Not Determined
- NT - Not Tested
- NE - Not Established