

General Motors Corporation Material Safety Data Sheet

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

TRADENAME: SUPERCHARGER OIL

12345682

MSDS SIGNED BY NAME: GEORGE B. MOCK

SAFE USE CATEGORY AND DESCRIPTION: 04 - METAL WORKING FLUIDS AND LUBRICANTS

MSDS CREATE DATE: 1985-01-01

LAST UPDATED DATE: 1996-07-29

MANUFACTURER'S ID (MID): 000537160

MANUFACTURER'S NAME: NYE LUBRICANTS, INC

MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 508-996-6721

MANUFACTURER'S MAILING ADDRESS:

P.O. BOX 8927

NEW BEDFORD, MA 02742-8927

US

PRODUCT USE: LUBRICATING OIL

SECTION 1 - OTHER INFORMATION:

EMERGENCY OVERVIEW: SUMMARY OF RISKS: PROLONGED OR REPEATED SKIN OR EYE CONTACT CAN CAUSE IRRITATION. INHALATION OF VAPORS OR MIST FROM MATERIAL AT HIGH TEMPERATURES MAY IRRITATE RESPIRATORY PASSAGES. LIMIT FOR AIRBORNE CONCENTRATION PER OSHA 29CFR 1910.1000. EXERCISE ORDINARY, COMMON-SENSE MEASURES OF INDUSTRIAL HYGIENE WHEN USING THIS PRODUCT.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/W	CHEMICAL NAME
000101677	= 0.3000/0.0000%	N	Benzonamine, 4-octyl-N-(4-cycloph
041484359	= 0.3000/0.0000%	N	BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, THIODI-2,1-ETHANEDIYL ESTER
056803373	= 1.0000/0.0000%	N	Phosphoric acid, (1,1-dimethylethyl)phenyl diphenyl ester
070983721	= 98.3000/0.0000%	N	Fatty acids, C5-10, esters with di-pentaerythritol
094270967	= 0.1000/0.0000%	N	1H-Benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-N-methyl-

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR = Y

EYE PRIMARY ENTRY ROUTE INDICATOR = Y

INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y

PRIMARY ROUTES OF ENTRY TEXT: SKIN, EYES, INHALATION AT HIGH TEMPERATURES (OVER 250 C).

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: AFTER FIRST AID, GET APPROPRIATE IN-PLANT, PARAMEDIC, OR COMMUNITY MEDICAL SUPPORT.

EMERGENCY FIRST AID PROCEDURES - SKIN: WASH THOROUGHLY WITH SOAP AND WATER.

EMERGENCY FIRST AID PROCEDURES - EYES: WASH THOROUGHLY; CONTACT PHYSICIAN IF IRRITATION PERSISTS.

EMERGENCY FIRST AID PROCEDURES - INHALATION: MOVE TO FRESH AIR AND REFER TO A PHYSICIAN FOR TREATMENT.

EMERGENCY FIRST AID PROCEDURES - INGESTION: NOT EXPECTED TO BE A PROBLEM. HOWEVER, IF INGESTED, IMMEDIATELY GIVE 1 TO 2 GLASSES OF WATER AND CALL A PHYSICIAN. DO NOT INDUCE VOMITING.

SECTION 4 - OTHER INFORMATION:

SPECIAL PRECAUTIONS/PROCEDURES: AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: N/A

FLAMMABLE UEL: N/A

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM, DRY CHEMICAL, WATER SPRAY

SPECIAL FIRE FIGHTING PROCEDURES: FIRE-FIGHTING INSTRUCTIONS: AVOID SMOKE INHALATION. WATER OR FOAM MAY CAUSE FROTHING. IF CLOSED CONTAINERS ARE EXPOSED TO FIRE, KEEP COOL WITH WATER SPRAY TO PREVENT PRESSURE BUILD-UP. DO NOT RELEASE RUNOFF FROM FIRE CONTROL METHODS TO SEWERS OR WATERWAYS. // FIRE-FIGHTING EQUIPMENT: BECAUSE FIRE MAY PRODUCE TOXIC THERMAL DECOMPOSITION PRODUCTS, WEAR A SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR POSITIVE-PRESSURE MODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HMIS CODES:

HMIS REACTIVITY CODE = 0

HMIS HEALTH CODE = 1

HMIS FLAMMABILITY CODE = 0

NFPA CODES:

NFPA FLAMMABILITY CODE = 1

NFPA HEALTH CODE = 0

NFPA REACTIVITY CODE = 0

FLASH POINT TEMPS: > 204.00C/ 400.00F

FLASH POINT METHOD: CEC

SECTION 5 - OTHER INFORMATION:

HAZARDOUS COMBUSTION PRODUCTS: CARBON MONOXIDE AND SMALL AMOUNT OF OTHER TOXIC FUMES.

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: SPILL LEAK PROCEDURES: REMOVE FREE OIL. ADD ABSORBENT (SAND, EARTH, SAWDUST) TO THE SPILL AREA. WIPE OR SCRAPE UP SATURATED ABSORBENT AND PLACE IT IN A CONTAINER FOR DISPOSAL. CONTAINMENT: FOR LARGE SPILLS, DIKE FAR AHEAD OF LIQUID SPILL. FOR LATER DISPOSAL, DO NOT RELEASE INTO SEWERS OR WATERWAYS. CLEANUP: WASH WALKING SURFACES THOROUGHLY WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD. REGULATORY REQUIREMENTS: FOLLOW APPLICABLE OSHA REGULATIONS (29 CFR 1910.120). CONSULT APPLICABLE STATE AND LOCAL REGULATIONS.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: HANDLING PRECAUTIONS: EXERCISE ORDINARY CARE IN HANDLING INDUSTRIAL LUBRICANTS. NO SPECIAL HANDLING PRECAUTIONS ARE NECESSARY. AVOID CONTAMINATION OF FOOD, AS WELL AS OF CIGARETTES OR OTHER TOBACCO PRODUCTS. WASH HANDS THOROUGHLY BEFORE EATING OR SMOKING. USERS SHOULD BE ALERT TO THE POSSIBILITY THAT VERY SMALL PERCENTAGES OF THE POPULATION MAY DISPLAY UNEXPECTED ALLERGIC REACTIONS TO OTHERWISE INNOCUOUS INDUSTRIAL LUBRICANTS AND RAW MATERIALS. STORAGE REQUIREMENTS: DO NOT STORE IN OPEN OR UNLABELED CONTAINERS. STORE AWAY FROM STRONG OXIDIZING AGENTS OR COMBUSTIVE MATERIAL. REGULATORY REQUIREMENTS: NONE

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: WEAR PROTECTIVE EYEGLASSES OR CHEMICAL SAFETY GOGGLES, PER OSHA EYE AND FACE-PROTECTION REGULATIONS (29 CFR 1910.133). CONTACT LENSES ARE NOT EYE PROTECTIVE DEVICES. APPROPRIATE EYE PROTECTION MUST BE WORN INSTEAD OF, OR IN CONJUNCTION WITH CONTACT LENSES.

RESPIRATORY PROTECTION: NOT REQUIRED UNLESS OIL MIST, SMOKE OR VAPORS ARE GENERATED AT HIGH TEMPERATURES.

VENTILATION: NO SPECIAL REQUIREMENTS UNDER ORDINARY CONDITIONS OF USE WITH ADEQUATE VENTILATION.

PERSONAL PROTECTIVE EQUIPMENT: WEAR CHEMICALLY PROTECTIVE GLOVES AND APRONS TO PREVENT PROLONGED OR REPEATED SKIN CONTACT.

WORKPLACE/HYGIENIC PRACTICES: NEVER EAT, DRINK, OR SMOKE IN WORK AREAS. PRACTICE GOOD PERSONAL HYGIENE AFTER USING THIS MATERIAL, ESPECIALLY BEFORE EATING, DRINKING, SMOKING, USING THE TOILET, OR APPLYING COSMETICS.

SECTION 8 - OTHER INFORMATION:

SAFETY STATIONS: MAKE EMERGENCY EYEWASH STATIONS, SAFETY/QUICK-DRENCH SHOWERS, AND WASHING FACILITIES AVAILABLE IN WORK AREA. // CONTAMINATED EQUIPMENT: SEPARATE CONTAMINATED WORK CLOTHES FROM STREET CLOTHES. LAUNDER BEFORE REUSE. REMOVE THIS MATERIAL FROM YOUR SHOES AND CLEAN PERSONAL PROTECTIVE EQUIPMENT.

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SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEXT: NOT VOLATILE
POUR POINT TEMPS: = - 60.00F
SPECIFIC GRAVITY VALUES: = 1.0000
VAPOR DENSITY TEXT: HEAVIER THAN AIR
VAPOR PRESSURE TEXT: NEGLIGIBLE
PERCENT VOLATILE BY WEIGHT TEXT: NONE
EVAPORATION RATE TEXT: SLOWER THAN DIETHYL ETHER
SOLUBILITY IN WATER TEXT: INSOLUBLE
PH OF PRODUCT AS RECEIVED (NEAT) TEXT: NEUTRAL
APPEARANCE: CLEAR, LT. AMBER OIL
ODOR: MILD
MOLECULAR WEIGHT TEXT: NOT CALCULATED

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - CONDITIONS TO AVOID: PYROLYSIS
STABILITY - TEXT: NYE SYNTHETIC OIL 605 IS STABLE AT ROOM TEMPERATURE
IN CLOSED CONTAINERS UNDER NORMAL STORAGE AND HANDLING CON-
DITIONS.
INCOMPATIBLE MATERIALS: STRONG OXIDIZING MATERIALS
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL OXIDATIVE DECOMPOSI-
TION OF NYE SYNTHETIC OIL 605 CAN PRODUCE TOXIC OXIDES OF PHOS-
PHOROUS AS WELL AS CARBON MONOXIDE AND SMALL AMOUNTS OF
OTHER TOXIC FUMES.
HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: PYROLYSIS
HAZARDOUS POLYMERIZATION TEXT: HAZARDOUS POLYMERIZATION CAN NOT
OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: TOXICITY DATA: NONE ESTABLISHED
FOR THE BULK LUBRICANT. SEE SECTIONS 2 AND 3 FOR INGREDIENT
INFORMATION.
SKIN EFFECTS: 56803373: DERMAL LD50: > 2000 MG/KG
ACUTE ORAL EFFECTS: 56803373: ORAL LD50: > 4640 MG/KG
CHRONIC EFFECTS: NONE KNOWN
CARCINOGENICITY: IARC, NTP, AND OSHA DO NOT LIST NYE SYNTHETIC OIL 605
OR ITS INGREDIENTS AS CARCINOGENS.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: ENVIRONMENTAL FATE AND EFFECTS: NO DATA
HAS BEEN ESTABLISHED FOR THIS PRODUCT.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSAL: CONTACT A LICENSED WASTE DISPOS-
AL CONTRACTOR FOR DETAILED RECOMMENDATIONS. DISPOSAL REGULA-
TORY REQUIREMENTS: MANY STATES CLASSIFY WASTE OIL AS
HAZARDOUS, WHICH MEANS DISPOSAL ONLY BY A LICENSED FIRM. FOL-
LOW APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: NOT RESTRICTED

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION:

TSCA: ALL COMPONENTS COMPLY WITH TSCA. // EPA REGULATIONS: SARA
311/312 CODES: N/A // SARA TOXIC CHEMICAL (40 CFR 372.65): N/A // SARA
EHS (EXTREMELY HAZARDOUS SUBSTANCE) (40 CFR 355): NOT LISTED.
THRESHOLD PLANNING QUANTITY (TPQ): N/A // OSHA REGULATIONS: AIR
CONTAMINANTS (29 CFR 1910.1000): OIL MIST IN AIR IF HEATED ABOVE 250
C. LIMIT FOR AIRBORNE CONCENTRATION IS 5 MG/M3.