

1FID: 00304170
VER DATE: 1992-04-30

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:02:09
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: NYE NYOGEL 729F
ALL SYNONYMS : GOODWRENCH SEAT BELT TRACK LUBRICANT
LUBRICATING GREASE
NYE NYOGEL 729F
NYE 729F
NYOGEL 729F
SEAT BELT TRACK LUBRICANT
12346288
21035456
21035456 (SATURN PART NO.)
729F NYOGEL

MSDS SIGNED BY NAME: GBM

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

LAST UPDATED DATE: 1992-04-30

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:

12 HOWLAND ROAD
FAIRHAVEN MA 02719
US

CHEMICAL FAMILY NAME: LUBRICATING GREASE

PRODUCT USE: A LIGHT, WATER-RESISTANT, NON-MELTING GREASE BASED ON A
PLASTIC-COMPATIBLE SYNTHETIC HYDROCARBON OIL. CONTAINS A FLUOROCARBON
POLYMER TO IMPROVE LUBRICITY, ESPECIALLY AT LOW TEMPERATURE. INTENDED
FOR SMALL MECHANICAL DEVICES AND GEAR TRAINS WHERE LOW TEMPERATURE
OPERATION AND LOWNOISE ARE ESSENTIAL. OPERATING TEMPERATURE RANGE-40C
TO +135C.

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000101677	= 0.5000/ 0.0000%	W	Benzenamine, 4-octyl-N-(4-octylphe nyl)-
009002840	= 6.0000/ 0.0000%	W	ETHYLENE, TETRAFLUORO-, POLYMER
041484359	= 0.5000/ 0.0000%	W	BENZENEPROPANOIC ACID, 3,5-BIS(1,1 -DIMETHYLETHYL)-4-HYDROXY-, THIODI -2,1-ETHANEDIYL ESTER
068037014	= 83.0000/ 0.0000%	W	1-Decene, homopolymer, hydrogenate d
112945525	= 10.0000/ 0.0000%	W	SILICA, AMORPHOUS FUMED

SECTION 2 - OTHER INFORMATION: PTFE IS NOT A HAZARDOUS MATERIAL UNDER NORMAL USAGE, BUT PTFE CAN PRODUCE TOXIC FUMES IF PYROLIZED. DECOMPOSITION IS INITIATED ABOVE 300C. NO INGREDIENTS ARE CONSIDERED HAZARDOUS UNDER NORMAL USAGE.

THRESHOLD LIMIT VALUE: AMORPHOUS SILICA: NOT HAZARDOUS IN GREASE FORM. 5 MG/M3 FOR RESPIRABLE AIRBORNE DUST ONLY.

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY TEXT: SKIN, EYES INHALATION (TEMPERATURES ABOVE 250C ONLY).

EFFECTS OF OVEREXPOSURE: SUMMARY OF RISKS: THERE IS NO EXPERIENCE WITH OVEREXPOSURE. PROLONGED OR REPEATED CONTACT WITH SKIN OR CONTACT WITH THE EYES MAY CAUSE IRRITATION. POLYTETRAFLUOROETHYLENE (PTFE), WHEN THERMALLY DECOMPOSED, MAY CAUSE POLYMER FUME FEVER AND FLU-LIKE SYMPTOMS. INHALATION OF VAPORS FROM MATERIAL AT HIGH TEMPERATURES (OVER 250C) MUST BE AVOIDED. CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS MUST BE AVOIDED. CHRONIC EFFECT(S): NONE
EFFECTS OF OVEREXPOSURE - SKIN ACUTE: POSSIBLE SKIN IRRITATION.
EFFECTS OF OVEREXPOSURE - EYE ACUTE: POSSIBLE EYE IRRITATION.
EFFECTS OF OVEREXPOSURE - INHALATION ACUTE: POLYMER FUME FEVER AND FLU-LIKE SYMPTOMS AT TEMPERATURES ABOVE 250C DUE TO PTFE DECOMPOSITION.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE

ADDITIONAL HEALTH HAZARD DATA: TARGET ORGANS: SKIN, EYES, RESPIRATORY PASSAGES (TEMPERATURES ABOVE 250C ONLY).

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: WASH 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.

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: AVOID SMOKE INHALATION. WATER OR FOAM MAY CAUSE FROTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

HMIS CODES:

HMIS REACTIVITY CODE = 0

HMIS HEALTH CODE = 0

HMIS FLAMMABILITY CODE = 0

HMIS PERSONAL PROTECTION CODE = B

NFPA CODES:

NFPA FLAMMABILITY CODE = 0

NFPA HEALTH CODE = 0
NFPA REACTIVITY CODE = 0

FLASH POINT TEMPS: = 455.00F
FLASH POINT METHOD: COC

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: WIPE OR SCRAPE UP SPILLAGE AND PLACE IT IN A CONTAINER FOR DISPOSAL. WASH WALKING SURFACES THOROUGHLY WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORAGE SEGREGATION: NOT NEEDED. SPECIAL HANDLING/STORAGE: EXERCISE ORDINARY CARE IN HANDLING CHEMICALS.

SECTION 7 - OTHER INFORMATION: OTHER PRECAUTIONS: AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS. WASH HANDS THOROUGHLY BEFORE SMOKING. USERS SHOULD BE ALERT TO THE POSSIBILITY THAT VERY SMALL PERCENTAGES OF THE POPULATION MAY DISPLAY UNEXPECTED ALLERGIC SKIN REACTIONS TO OTHERWISE INNOCUOUS INDUSTRIAL CHEMICALS AND RAW MATERIALS.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES RECOMMENDED.

RESPIRATORY PROTECTION: NOT REQUIRED UNLESS MISTS, SMOKE OR VAPORS ARE PRODUCED AT HIGH TEMPERATURES.

VENTILATION: NONE REQUIRED UNLESS MISTS, SMOKE OR VAPORS ARE PRODUCED AT HIGH TEMPERATURES.

WORKPLACE/HYGIENIC PRACTICES: EXERCISE ORDINARY MEASURES OF PERSONAL HYGIENE. AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS.

SECTION 8 - OTHER INFORMATION: NOT NEEDED

PROTECTIVE GLOVES (SPECIFY TYPE): RECOMMENDED, ESPECIALLY TO AVOID PROLONGED OR REPEATED SKIN CONTACT. USE LATEX GLOVES UNDER NORMAL USE.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEXT: NOT VOLATILE

MELTING/FREEZE POINT TEMPS: > 500.00F

POUR POINT TEMPS: = - 66.00C

SPECIFIC GRAVITY VALUES: = 0.9100
SPECIFIC GRAVITY TEXT: 25C/25C

DENSITY VALUES/UOM: = 7.6000LB/GAL

VAPOR DENSITY TEXT: HEAVIER THAN AIR

VAPOR PRESSURE TEXT: NEGLIGIBLE

EVAPORATION RATE TEXT: SLOWER THAN DIETHYL ETHER

SOLUBILITY IN WATER TEXT: INSOLUBLE

PH OF PRODUCT AS RECEIVED (NEAT)/TEXT: NEUTRAL

APPEARANCE: SMOOTH, OFF-WHITE.

ODOR: ODORLESS GREASE.

MOLECULAR WEIGHT TEXT: NOT CALCULATED

VISCOSITY TEXT: VISCOSITY AT: 100C 5.8CS; 40C 32CS; -17.8C 780CS; -40C 7600CS. VISCOSITY INDEX: 126.

SECTION 9 - OTHER INFORMATION: NEUTRALIZATION NUMBER: 0.24 MG KOH/G.
DROPPING POINT: OVER 260C (NON-MELTING). UNWORKED PENETRATION: 284.
WORKED PENETRATION, 60X: 300. EVAPORATION, 24 HRS AT 100C: LESS THAN 1%.
OIL SEPARATION, 24 HRS AT 100C: 10%.

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y

STABILITY - CONDITIONS TO AVOID: PYROLYSIS

INCOMPATIBLE MATERIALS: STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBONYL FLUORIDE, HYDROFLUORIC ACID GAS, PERFLUOROCARBON OLEFINS, CARBON MONOXIDE, AND SMALL AMOUNTS OF OTHER TOXIC FUMES.

HAZARDOUS POLYMERIZATION INDICATOR: N

SECTION 10 - OTHER INFORMATION: AVOID CONTAMINATION OF CIGARETTES OR OTHER TOBACCO PRODUCTS.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA UNLIMITED TEXT: P,P'-DIOCTYLDIPHENYLAMINE: LD50 (ORAL, RATS): >5000 MG/KG. THIODIETHYLENE BIS(3,5-DI-TERT-BUTYL-4-HYDROXYHYDROCINNAMATE): LD50 (ORAL, RATS): >5000 MG/KG.

CARCINOGENICITY: THIS PRODUCT IS NOT CONSIDERED A HUMAN CARCINOGEN BY ANY RECOGNIZED SOURCE.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: MANY STATES CLASSIFY WASTE LUBRICANTS AS
"HAZARDOUS" WHICH MEANS DISPOSAL ONLY BY A LICENSED FIRM. CONSULT
LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO YOUR AREA.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: DOT CLASS: NOT RESTRICTED
SAFE USE CATEGORY AND DESCRIPTION :

04 METAL WORKING FLUIDS AND LUBRICANTS

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000101677 Benzenamine, 4-octyl-N-(4-octylphenyl)-
REG:

0011,0012

CAS#: 009002840 ETHYLENE, TETRAFLUORO-, POLYMER

REG:

0012,0061

CAS#: 041484359 BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYD

REG:

0012

CAS#: 068037014 1-Decene, homopolymer, hydrogenated

REG:

0012

CAS#: 112945525 SILICA, AMORPHOUS FUMED

REG:

0093,0098

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0018	NY SAN 22.8	0019	MA SUBST	0020	NJ ENV SUBST
0021	TOX ORGANICS	0022	MD CLASS I	0023	MD CLASS II
0024	EPA-ATC-I	0026	EPA-CHEMCONC	0027	WB VERY TOX
0028	WB OTHER TOX	0031	ALLGHNY CTY	0032	IL-RTK
0033	OSHA-HHCL	0034	FLT CRIT IND	0035	GM-AHC
0036	PRO EP TOX	0037	MO SPECIES	0038	MO-RTK
0039	ONT 654-86	0040	ONT DES SUB	0041	SARA312EXHAZ
0042	WI TABLE 1	0043	WI TABLE 2	0047	SARA 313
0048	CERCLASEC103	0049	P-65 CARCINO	0050	P-65 REP TOX
0051	MD CLSI .11	0052	MD CLSI .12	0053	MD CLSII .12
0054	CT 29-1	0055	CT 29-2	0056	CT 29-3
0058	EPA261.33(F)	0059	CA AIR TOX 1	0060	CA AIR TOX 2
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0067	NV HIGH HAZ.
0068	MI 307-CARC	0069	MI 307-NCARC	0070	MICH AIR

0071	CAA602 CLSI	0075	C	0076	D
0078	GREAT LAKES	0080	METALS	0082	EPA 112 (R)
0083	TSCA 8 (D))	0084	GM OEG	0085	TSCA-TEST
0087	TSCA 12 (B)	0088	NAT. POLL. REL	0089	NY CHEM BULK
0090	GL PERSIST	0091	LAND DISP. - II	0092	UAW/GM AUDIT
0093	TSCA - SPECIAL	0095	FIFRA REG MAT	0098	DSL - CANADA
0099	NDSL - CANADA	0102	GM 1000M	0103	CAA SEC. 112 (R)
0104	CERCLA-HAZWOPER	0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC
0107	PET. DISTILLATE	0109	APPENDIX IX	0110	GLOBAL WARM CMP
0112	RCRA PBT -DRAFT	0113	IARC-GROUP 2B	0115	IARC-GROUP 1
0116	GMW 3059-RESTR.	0117	GMW 3059-REPORT	0118	T.W. REPORT
0121	HEX CHROME, PB,	0122	ACDM-REPORTING	0123	MDEQ PART 5

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE

GMBA: 000550806 SATURN CORP - TROY
CISCO: 22001;
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE

GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE
CISCO: 96003;
STATUS :ACTIVE

GMBA: 000551424 SERVICE TECHNOLOGY HEADQUARTERS
CISCO: 18400;
STATUS :ACTIVE

GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE
STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE