



SEAMSA
SERVICIOS AMBIENTALES

MAKI NOX-7030

EXTREME PROTECTION OXIDATION PREVENTATIVE

It is a product against oxidation generated by water and ambient humidity in pieces stored indoors for moderate periods of time in not very severe conditions. Its application leaves a thin film of protection with the advantage that it is easily removable with petroleum-based solvents or alkaline detergents. It is a water-insoluble preventative, of low viscosity, for direct use, transparent, brown in color with a moisturizing capacity.

It was developed to prevent ferrous surfaces, such as gray iron and steel alloys, for moderate periods of time, during transportation or indoor storage, including outdoors.

The application of MAKI NOX-7030 can be by total immersion of the parts, spraying or manually by means of a brush. Once applied, it forms a small oily film or film, on the surface of machinery, dies, crankshafts, valves, impellers, newly machined surfaces or tooling, providing protection during storage or land or sea transport.

COMPETITIVE ADVANTAGES

1. Great wetting power, which facilitates and economizes its application
2. Excellent oxidation protection, for a period of one year
3. Transparent film, slightly oily, resistant and protective
4. Easy to remove



PHYSICOCHEMICAL PROPERTIES:
MAKI NOX-7030

PARAMETER:	SPECIFICATIONS:
Appearance:	Dark brown transparent liquid
Specific Gravity at 68.0°F (20.0°C)	.83 H - .03
SUS viscosity at 37.8°C	40.0 ± 10.0
Ignition Temperature (°C)	67.0 °C Minimum

SAFETY DATA SHEET

(MATERIAL SAFETY DATA SHEET)

Código NFPA		4 Extremo 3 Alto 2 Moderado 1 Ligero 0 Mínimo
Fuego Salud 1 2 0 Reactividad Riesgo Especifico		Riesgo Especifico W No se use agua Corr - corrosivo Alc - Alcalina Acid - Acido Oxy - Oxidante
Grado de Riesgo		

HEALTH: 1
FLAMMABILITY: 2
REACTIVITY: 0



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SECTION I IDENTIFICATION OF THE CHEMICAL AND THE COMPANY					
COMPANY:	E2 SERVICIOS AMBIENTALES				
ADRESS:	SALTILLO 614, COL LAS ENCINAS, GENERAL ESCOBEDO, NUEVO LÉON				
PHONES:	TEL.:81 1479 6054 / 81 2088 1799				
E-mail .-	E-mail: alvarom@e2seamsa.com / alvaromosza@gmail.com				
GENERIC PRODUCT NAME:	MAKINOX-7030				
CHEMICAL FAMILY:	Lubricante Preventivo de Oxidación				
INTERNAL CODE:	1400				
ELABORATED:	Technical Department /// E2 SERVICIOS AMBIENTALES SA DE CV				
DATE OF WINEMAKING	12 /MZO/18	REVISION DATE:	18/may/20	PROX. DATE REVIEW:	10/NOV/2021

SECTION II COMPONENTS	
Name of Components	CAS #
ISOPARAFFINIC HYDROCARBONS	Confidential
ESTERS OF FATTY ALCOHOLS	N.A.
SATURATED LINEAR ALCOHOL WITH LOW PM.	Confidential

SECCION III IDENTIFICACION DE PELIGROS	
EFECTOS POTENCIALES SOBRE LA SALUD:	
CONTACTO CON LOS OJOS:	Resulta del contacto directo o exposición a niveles altos de niebla en áreas no ventiladas.
CONTACTO CON LA PIEL:	El contacto prolongado, puede causar irritación o resequedad.
INHALACION:	Producto de baja volatilidad no causa irritación en el tracto respiratorio en condiciones normales de uso, en áreas mal ventiladas puede dificultar la respiración.



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SECTION IV FIRST AID MEASURES

INGESTION:	DO NOT induce vomiting, keep the person at rest.
EYE CONTACT:	Rinse with running water for at least 15 minutes. Get medical attention if eye irritation occurs or persists.
CONTACT WITH THE SKIN	Wash with soap and water. Remove contaminated clothing, including shoes, right away before using again. If irritation or dryness occurs, apply a moisturizer.
INHALATION	Take the exposed person outdoors. In case of interruption of breathing, artificial respiration is applied, and immediate medical attention is applied.

CHEMICAL SUBSTANCE THAT IS NOT CONSIDERED: Carcinogenic, Mutagenic, or Teratogenic.

SECTION V FIRE EXTINGUISHIT MEASURES

IGNITION POINT	67.0 °C
INSTANTANEOUS COMBUSTION	N.D..
TEMPERATURE	
MEANS OF EXTINGUISHING	Foam, water mist (or dew). Carbon dioxide. Chemical dust.
INCONVENIENT MEANS OF EXTINGUISHING	Avoid spraying water directly into storage containers, due to the danger of overflow from excessive boiling.
PROCEDURE FOR FIREFIGHTING	Isolate the area from unprotected personnel. Self-contained breathing equipment and protective clothing must be used in firefighting involving chemicals.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon oxides and traces of incomplete combustion of carbon compounds.
GENERAL DANGER:	It can form combustible mixtures at temperatures equal to or higher than that of ignition. The material can accumulate static charge, land on the ground, the containers or tanks that store it. "Empty" containers retain product residue (liquid or vapor), may be hazardous to use. Do not cut, weld, puncture, spray, or expose to extreme heat, or Ignition Sources.



SECTION VI MEASURES IN CASE OF ACCIDENTAL LEAKAGE OR SPILL

SPILL ON LAND: Prevent further discharge of material, if it is safe to do so. In the case of small spills, clean-up procedures are employed; in the case of large spills, clean-up procedures are employed and if it occurs in public areas, the authorities are notified.

Prevent liquid from entering drains, streams and low areas. Keep spilled liquid with sand or soil. Do not use combustible materials such as sawdust.

Recover by pumping (using a manual or explosion-proof pump) or with a suitable absorbent.

SECTION VII HANDLING AND STORAGE

HANDLING MEASURES: Containers should be kept closed and perfectly labelled, when not being used. Use proper grounding procedure.

STORAGE: Store at room temperature, in a cool place in well-ventilated areas, indoors and perfectly identified. Do not handle or store material near open flames, heat, or other sources of ignition. Do not pressurize, cut, heat, or weld containers. Empty containers may contain residue. Do not reuse them without proper cleaning.

SECTION VIII EXPOSURE CONTROL AND PERSONAL PROTECTION

VENTILATION PROCEDURES :	Normal ventilation, by mechanical dilution, preferably with local mechanical extraction, should be used.
PROTECTIVE GLOVES:	Wear nitrile or neoprene gloves.
EYE PROTECTION:	Safety glasses, with side protection.
RESPIRATORY PROTECTION:	Not required. Optionally, wear a disposable dust and spray mask.
WORK / HYGIENE	It is recommended to wear a long-sleeved shirt and wash your hands before eating or smoking.



SECTION IX PHYSICAL AND CHEMICAL PROPERTIES	
PHYSICAL CONDITION / APPEARANCE:	Light, transparent, shiny colorless liquid.
ODOR:	Lightweight.
SPECIFIC GRAVITY (g/ml)	0.777
SOLUBILITY IN WATER:	Insoluble.
SSU VISCOSITY AT 100 (°F)	30.0
COGELATION/MELTING POINT, (°F)	Less than -76
IGNITION TEMPERATURE (°F):	67.0 °C Minimum
BOILING POINT (°F/°C)	N.D.

SECTION X STABILITY AND REACTIVITY	
CHEMICAL STABILITY:	Fully Stable.
DANGEROUS POLLINIZATION:	No dangerous polymerization will occur.
MATERIALS TO AVOID:	Strong oxidizing agents.
HAZARDOUS BREAKDOWN PRODUCTS	They are not hazardous under normal storage and handling conditions

SECTION XI TOXICOLOGICAL INFORMATION		
Oral LD50 => 15 gm/kg	Dermal LD50=> 3 gm/kg	Inhalación => 15 mg/l
LC50/EC50 (GOLDEN ORTE) 96 hours => 1,000 p.p.m.		

SECTION XII ECOLOGICAL INFORMATION
Refer to section 6

SECTION XIII DESTRUCTION
The material is a total loss, for the process for which it was destined, but if there is liquid remaining, it must be confined or incinerated in companies in that branch, following the established regulations.
For further and particular information, please contact the technical department of E2 SERVICIOS AMBIENTALES SA DE



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SECTION XIV TRANSPORTATION INFORMATION

TRANSPORT TREATMENT (DOT)

TRANSPORT RHOMBUS: Flammable liquid 2

UNITED NATIONS NUMBER (UNN): un:1268

UIA SETIQ: 13

DESCRIPTION OF SHIPMENT: PETROLEUM DISTILLATE, N.O.S., Combustible liquid, UN 1268, III.

SECTION XV SPECIAL PRECAUTIONS

HANDLING, TRANSPORTATION AND STORAGE.

HANDLING: To handle it, you must wear protective goggles and nitrile gloves and/or other protective clothing.

TRANSPORTATION: Transportation in closed and safe containers and that the person transporting it knows what to do in case of an accident or spill.

STORAGE: Properly labeled, protect and keep away from extreme temperatures, close the container when not in use.

SECTION XVI OTHERS

There is no other information.