

MATERIAL SAFETY DATA SHEET

I. IDENTITY IDOF MATERIAL

PRODUCT NAME : **Synthetic Metalforming Operations**
SYNONYMS : **NAFFORGE NS – 07NG**
CHEMICALS FAMILY : **Lubricant**
FORMULA : **Proprietary**

II. HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TLV (Units)	OSHA PEL
KOH-45% LIQUID	< 10,0	1310-58-3	2 mg/m ³	2 mg/m ³
BORAX, PENTAHYDRATE	< 11,5	1303-96-4	5 mg/m ³	5 mg/m ³
TEA-85%	< 15,0	102-71-6	-----	-----
BIOCIDE & FUNGICIDE	< 1,00			

Other ingredients are lubricity, extreme pressure, corrosion inhibitors, surfactants, polymer, etc.

HAZARD SPECIFICATIONS

PARAMETERS	YES	NO	PARAMETERS	YES	NO
Flammable Material		x	Skin Hazard		x
Explosive Material		x	Eye Hazard	x	x
Combustible Liquid		x	Highly Toxic Agent		x
Unstable Material		x	Carcinogen		x
Oxidizer		x	Reproductive Toxic		x
Organic Peroxide		x	Nervous System		x
Corrosive Material		x	Compressed Gas		x

III. PHYSICAL DATA

Specific Gravity (H ₂ O=1)	: 1,05 ± 0,015
Vapour Density	: NA
Appearance & Odor	: Clear Liquid & No Odor
Solubility in water	: Makes an emulsion & it is stable
Evaporation rate	: NA

IV. REACTIVE DATA

Incapability (materials to avoid)	: Strong acids, certain oxidizing agents, etc.
Hazardous Decomposition	: Possibly oxides of carbon, nitrogen, etc.
Conditions to avoid	: None

V. HEALTH HAZARD DATA

	RATING	
INHALATION	0	Inhalation of mist of working solution may cause irritation to mucous membrane.
SKIN CONTACT	0	May cause irritation
SKIN ABSORPTION	0	Will not be absorbed through the skin.
EYE CONTACT	1	May cause irritation to eyes.
INGESTION	0	Not harmful if taken in minute amount. May cause nausea or upset stomach.
EMERGENCY & FIRST		
EYES	:	Immediately flush eyes with running water for at least 10 minutes Get prompt medical attention.
SKIN	:	Remove contaminated clothing and wash before reuse, Wash skin thoroughly with soap and water, then apply a soothing cream.
INHALATION	:	Remove victim to fresh air.
INGESTION	:	Give glass of water or milk to drink, followed by diluted vinegar or citrus juice
NOTES TO PHYSICIAN	:	None

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL RELEASED OR SPILLED

Pick up uncontaminated spilled material and return it to the container. For the remaining material, flush with plenty of water to sanitary sewer or use an absorbing material to absorb the spill.

Mop dry the area.

WASTE DISPOSAL METHOD

If there is no oil contamination the product can be disposed to sanitary sewer. The diluted working solution has pH of 9,00 (5% solution) and product contains no hazardous ingredients. However, follow federal, state and local regulations.

VII. SPECIAL PRECAUTIONS

Other Handling & Storage Conditions : Keep from freezing. Store indoors at room temperatures during winter month. Follow normal precaution for alkaline materials.

FOR INDUSTRIAL USE ONLY