

MATERIAL SAFETY DATA SHEET

I. IDENTITY OF MATERIAL

PRODUCT NAME : **Synthetic Machining Fluids**
SYNONYMS : **NAFFCOOL NS – 02CE**
CHEMICALS FAMILY : **Machining Lubricant**
FORMULA : **Proprietary**

II. HAZARDOUS INGREDIENTS

MATERIAL	%	CAS NUMBER	TLV (Units)	OSHA PEL
KOH-45% Liquid	< 5,0	1310-58-8	2 mg/m ³	2 mg/m ³
Biocide & Fungicide	< 1,5			

Other ingredients are lubricity, extreme pressure, corrosion inhibitors, surfactants, polymer, etc. Inhibitors, hard water additive based on polymer, coupling solvent, etc. these chemicals are non hazardous, non toxic as per various regulations. Does not contain any chlorine or chlorine additives.

III. PHYSICAL DATA

SPECIFIC GRAVITY : 1,05
APPEARANCE & ODOR : Clear Liquid & No Odor
SOLUBILITY IN WATER : Clear
EVAPORATION RATE : NA

IV. HEALTH HAZARD DATA

EFFECT OF OVEREXPOSURE	RATING	NOTES
INHALATION	1	Inhalation of mist of working solution may cause irritation to mucous membrane.
SKIN CONTACT	1	Cause irritation to skin
SKIN ABSORPTION	0	Will not be absorbed through the skin
EYE CONTACT	2	Causes irritation to possible burns
INGESTION	1	May cause nausea, vomiting 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

V. 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 9,0 (5% solution) and product contains no hazardous ingredients. However, follow federal, state and local regulations.

VI. 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