

Material Safety Data Sheet

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BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS.

SECTION 1 - PRODUCT INFORMATION

Nylosolv A

Product ID: NLE PI7023

Common Chemical Name:

None

Synonyms:

Printing ink

Molecular Formula:

Mixture

Chemical Family: Solvent Ink

Molecular Wt.: NOT AVAILABLE

SECTION 2 - INGREDIENTS

Chemical Name:	CAS	Amount
Hexalin	108-93-0	10.0 - 40.0 %
ACGIH TLV	TWA 50 PPM	
OSHA PEL	TWA 50 PPM	
Petroleum distillates, hydrotreat(ed) light	64742-47-8	40.0 - 80.0 %
ACGIH TLV	STEL 10 MG/CU. M	
	TWA 5 MG/CU. M	
OSHA PEL	TWA 5 PPM	

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview

Color: Colorless to opaque
 Form/Appearance: Liquid
 Odor: Alcohol

WARNING STATEMENT:

CAUTION:

CONTACT WITH EYES OR SKIN MAY RESULT IN IRRITATION. IRRITATION MAY BE STRONG. INGESTION MAY RESULT IN GASTRIC DISTURBANCES. INHALATION MAY IRRITATE THE RESPIRATORY TRACT.

CONTACT RESULTS IN EYE, SKIN AND MUCOUS MEMBRANE IRRITATION. SEVERE EYE IRRITATION MAY RESULT. PROLONGED OR REPEATED SKIN CONTACT MAY RESULT IN DEFATTING OR DERMATITIS. LIQUID CAN BE SKIN ABSORBED.

SECTION 3 - HAZARDS IDENTIFICATION (cont)

BASED ON ANIMAL STUDIES, OVEREXPOSURE TO CYCLOHEXANOL BY INGESTION, INHALATION OR ABSORPTION CAN CAUSE CNS DEPRESSION, LACRIMATION, NAUSEA, TREMORS OR CONVULSIONS. REPEATED OVEREXPOSURE MAY RESULT IN DAMAGE TO THE HEART, LIVER OR KIDNEYS. CYCLOHEXANOL HAS BEEN SHOWN TO CAUSE TESTICULAR ATROPHY IN EXPERIMENTAL ANIMALS AND PUP MORTALITY IN MICE WHEN GIVEN AT 1% IN THE DIET.

ACUTE OVEREXPOSURE TO PETROLEUM DISTILLATE VAPORS MAY CAUSE CNS EFFECTS INCLUDING HEADACHE, DIZZINESS, DROWSINESS AND CONFUSION. INGESTION CAUSES NAUSEA, VOMITING, BLURRED VISION, AND CNS DISORDERS. ASPIRATION INTO THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS, WHICH MAY BE FATAL. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE DEFATTING AND DERMATITIS.

Potential Health Effects

Primary Routes of Exposure:

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquified gases.

Acute Overexposure Effects:

Cyclohexanol is irritating to the eyes, skin and mucous membranes. Contact with the eyes can result in severe irritation. Contact with the skin may result in mild irritation. Repeated or prolonged skin contact can cause defatting and dermatitis. Cyclohexanol is skin absorbed.

In humans, inhalation may result in headache and respiratory irritation.

There are no other known acute effects associated with this material. Acute overexposure to petroleum distillate vapors may cause CNS effects, including headache, dizziness, drowsiness and confusion. Ingestion causes nausea, vomiting, blurred vision, and CNS disorders. Aspiration of the liquid into the lungs may result in chemical pneumonitis, which may be fatal.

Chronic Overexposure Effects:

Based on animal studies, overexposure to cyclohexanol by ingestion, inhalation or absorption can cause CNS depression, lacrimation, nausea, tremors or convulsions. Repeated overexposures in animals also caused tissue damage to the liver, kidney and heart.

Cyclohexanol has been shown to cause testicular atrophy in experimental animals at 15 mg/kg. Cyclohexanol has been found to produce pup mortality in mice when given at a dose of 1% in the diet. Prolonged or repeated skin contact with petroleum distillates may cause defatting and dermatitis.

There are no other known chronic effects associated with this material.

First Aid Procedures - Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

SECTION 4 - FIRST AID MEASURES

First Aid Procedures - Skin:

Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, get medical attention.

First Aid Procedures - Eyes:

Immediately rinse eyes with running water for 15 minutes. Get immediate medical attention.

First Aid Procedures - Ingestion:

If swallowed, dilute with water. DO NOT INDUCE VOMITING. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

First Aid Procedures - Inhalation:

Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

First Aid Procedures - Notes to Physicians:

None known.

First Aid Procedures - Aggravated Medical Conditions:

No data is available which addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Please refer to the effects of overexposure section for effects (if any) observed in animals.

First Aid Procedures - Special Precautions:

None

SECTION 5 - FIRE FIGHTING MEASURES

	Typical	Low/High	Deg.	Method
Flash Point:	63			C NOT SPECIFIED
Autoignition:	NOT AVAILABLE			

Extinguishing Media:

Use dry chemical, carbon dioxide or foam.
Use water as a spray only to lower temperature.
Treat as an oil fire because this substance floats on water.

Fire Fighting Procedures:

Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

Unusual Hazards:

Combustible liquid.

Additional Fire and Explosion Data:

Vapors can explode and liquids can combust when temperatures reach or exceed the flashpoint.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General:

Spills should be contained, solidified, and placed in suitable containers for disposal in a licensed facility. This material is not regulated by RCRA or CERCLA ("Superfund"). Wear appropriate respiratory protection and protective clothing and provide adequate ventilation during clean-up.

Other Spill/Leak Procedures:

No other spill procedures necessary.

SECTION 7 - STORAGE AND HANDLING

General:

Store in tightly closed metal or glass containers.
Do not store in plastic.
Keep away from heat, sparks and open flames.
Store at temperatures between 5 - 40 C.

Other Storage and Handling Data:

No other specific storage requirements.

SECTION 8 - PERSONAL PROTECTION

Clothing:

Gloves, coveralls, apron, boots as necessary to prevent skin contact.

Eyes:

Chemical Goggles

Respiration:

If vapors or mists are generated, wear a NIOSH/MSHA approved organic vapor/mist respirator or an air-supplied respirator as appropriate.

Ventilation:

Use local exhaust to control vapors/mists.

Explosion Proofing:

None required.

Other Personal Protection Data:

None under normal conditions.

SECTION 9 - PHYSICAL PROPERTIES

Color:	Colorless to opaque					
Form/Appearance:	Liquid					
Odor:	Alcohol					
Odor Intensity:	Mild					
Specific Gravity:	Typical	Low/High	U.O.M.	@	25	DEG C
pH:	NOT AVAILABLE					
Boiling Pt:	Typical	Low/High	Deg.	@	Pressure	
Freezing Pt:	< -20		C	1	ATMOSPHERES	
Decomp. Tmp:	NOT AVAILABLE					
Solubility in Water Description:	Insoluble					
Other Physical Properties:	% VOC BY WEIGHT IS APPROX. 85%					

SECTION 10 - STABILITY AND REACTIVITY

Stability Data:

Stable.

Incompatibility:

Avoid contact with strong acids, strong bases, and oxidizing agents.

Conditions/Hazards to Avoid:

Heat, sparks and open flames, electrical and static discharge.

SECTION 10 - STABILITY AND REACTIVITY (cont)

Hazardous Decomposition/Polymerization:

Hazardous Decomposition Products: CO, CO2 and NOx.

Polymerization: Does not occur.

Corrosive Properties:

Not corrosive.

Oxidizer Properties:

Not an oxidizer

Other Reactivity Data:

None known.

SECTION 11 - TOXICOLOGICAL INFORMATION

No applicable data for this section.

SECTION 12 - ECOLOGICAL INFORMATION

No applicable data for this section.

SECTION 13 - DISPOSAL CONSIDERATION

Waste Disposal:

Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container Disposal:

Dispose of in a licensed facility. Recommend crushing or other means to prevent unauthorized reuse.

SECTION 14 - TRANSPORTATION INFORMATION

DOT Proper Shipping Name:

SEE BELOW

DOT Technical Name:

SEE BELOW

DOT Primary Hazard Class:

SEE BELOW

DOT Secondary Hazard Class:

SEE BELOW

DOT Label Required:

SEE BELOW

DOT Placard Required:

SEE BELOW

DOT Poison Constituent:

SEE BELOW

BASF Commodity Codes:

UN/NA Code:

E/R Guide:

Bill of Lading Description:

< 119 GALS: NOT REGULATED BY THE DEPARTMENT OF TRANSPORTATION

> 119 GALS: COMBUSTIBLE LIQUID, NOS, (HYDROTREATED DISTILLATES),

NA1993, PGIII

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status

Listed on Inventory: YES

SARA - 313 Listed Chemicals:

CAS: 108-93-0 AMOUNT: 20.0 %
NAME: Hexalin

RCRA Haz. Waste No .: NONE

CERCLA: NO Reportable Qty.: (If YES)

State Regulatory Information: (By Component)

NJ/PA/MA RTK

CAS: 100-18-5 NO

NAME: Diisopropylbenzene

CAS: 108-93-0 YES

NAME: Hexalin

CAS: 64742-47-8 NO

NAME: Petroleum distillates, hydrotreated light

SARA Title III, Section #313: Listed.

SECTION 16 - OTHER INFORMATION

Hazard Ratings:

BASF currently uses the National Paint & Coating Association (NPCA) rating system. The use of an asterisk (*) in the HMIS rating indicates the potential for chronic health effects.

	Health:	Fire:	Reactivity:	Special:
HMIS	2	2	1	X

This product is hazardous or contains components which are hazardous according to the OSHA Hazard Communication Standard.

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