SAFETY DATE SHEET

LATEST REVISION DATE: 15/May/2022
PRINT DATE: 21/Dec/2022

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NN14
GENERAL USE: WATER BASED INK FOR PEN (BLACK)
MANUFACTURE'S NAME:
COMPANY ADDRESS:

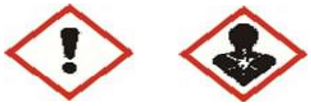
COMPANY PHONE NUMBER:
COMPANY FAX NUMBER:
INFORMATION E-MAIL:

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION

PHYSICAL HAZARDS;		Classification not possible
HEALTH HARARDS;	Acute toxicity (oral);	Classification not possible
	Acute toxicity (Dermal);	Classification not possible
	Acute toxicity (Inhalation:gases);	Not applicable
	Acute toxicity (Inhalation:vapours);	Classification not possible
	Acute toxicity (Inhalation:dusts and mists);	Category4
	Skin corrosion/ irritation;	Classification not possible
	Serious eye damage/ eye irritation;	Category2A
	Respiratory sensitization;	Classification not possible
	Skin sensitization;	Classification not possible
	Germ cell mutagenicity;	Classification not possible
	Carcinogenicity;	Classification not possible
	Reproductive toxicity;	Classification not possible
	Specific target organ toxicity single exposure;	Category 1
	Specific target organ toxicity repeated exposure;	Classification not possible
	Aspiration hazards;	Classification not possible
ENVIRONMENTAL HAZARDS;	Hazardous to the aquatic environment(acute);	Classification not possible
	Hazardous to the aquatic environment(long term);	Classification not possible
	Hazardous to the ozone layer;	Classification not possible

GHS LABEL ELEMENTS;
PICTOGRAMS;



SIGNAL WORD; Warning
HAZARD STATEMENT;
Causes eye irritation. H320
Harmful if inhaled H322
Causes damage to organs (central nervous system, blood system, kidney) H370

PRECAUTIONARY STATEMENT;
If inhaled, remove person to fresh air and keep comfortable for breathing.
If in eyes, rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do.Continue rinsing.
If exposed or concerned, Call a POISON CENTER/doctor.
If you feel unwell, Call a POISON CENTER/doctor.
If eye irritation persists, Get medical advice/attention.

OTHER HAZARDS; No data available.

3. COMPOSITION , INFORMATION ON INGREDIENTS

CHEMICAL NAME: Mixture. COMMON NAME: Water based ink for gel ink ball pen (Black)

COMPONENT	GHS CLASSFICATION	CAS No.	EC No.	%WT
1 . Direct Black 19	Not classified	6428-31-5	229-208-1	< 7%

2 . Ethylene glycol	Acute toxicity (Inhalation: Dusts and mists)	Category 4	107-21-1	203-473-3	< 15%
	Skin corrosion/irritation	Category 2			
	Serious eye damage/eye irritation	Category 2B			
	Specific target organ toxicity - Single exposure	Category 1			
3 . Triethylene glycol	Not classified		112-27-6	203-953-2	< 15%
4 . Glycerol	Not classified		56-81-5	200-289-5	< 15%
5 . Xanthan gum	Not classified		11138-66-2	234-394-2	< 2%
6 . 1H-Benzotriazole	Acute toxicity (oral)	Category 4	95-14-7	202-394-1	< 0.5%
	Acute toxicity (Inhalation:dusts and mists)	Category 4			
	Serious eye damage/ eye irritation	Category 2			
	Specific target organ toxicity single exposure	Category 2/3			
7 . Water	Classification not possible		7732-18-5	231-791-2	-

4. FIRST AID MEASURE

EYE COTACT: Wash eyes immediately with large amounts of water for at least 15minutes. If irritation persists, obtain medical advise immediately.

SKIN CONTACT: Wash with water and soap or mild detergent. If irritation persists, obtain medical advise immediately.

INHALATION: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, Call a POISON CENTER/doctor.

INGESTION: Never give anything by mouth to an unconscious person. Get medical aid. Do not induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cups of milk or water.

5. FIRE FIGHTING MEASURES

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO_2 , NOx and SOx

EXTINGUSHING MEDIA: Water fog, dry chemical, foam or CO_2

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MESURES

PERSONAL PRECAUTIONS: Avoid contact with skin, eyes and clothing. Avoid breathing vapor and mist. Do not touch damaged container or leakage thing if you do not wear appropriate protective clothes.

ENVIROMENTAL PRECAUTIONS: Do not release to sewer, surface water or ground water.

METHODS and MATERIAL for CONTAINMENT and CLEAN UP: Take up with absorbent material (e.g., cloth, sand, kieselguhr). Send in suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

PRECAUTIONS for SAFE HANDLING: The worker wears an appropriate protection tool, and avoids contact and the inhalation into eyes and skins.

CONDITIONS for STABLE STORAGE: Keep away from all possible sources of ignition. Keep away from heat, steam pipe or direct sunlight. Keep container tightly closed. Keep in the well-ventilated and area at room temperature (5-35℃).

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

CONTROL PARAMETERS: ACGIH,OSHA is both not determined.
Ethylene glycol : TLV-TWA C 100mg/m3(2014)

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Chemical safety glasses with side-shields or goggles.

SKIN PROTECTION: Gloves, coveralls, apron and boots-as necessary to prevent skin contact.

INGESTION PROTECTION: Face shield or mask

OHTHER PROTECTIONS: Shower after handling this product. Clean clothing should be worn daily. Eyewash fountains should be easily accessible.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Black liquid.	AUTO IGNITION TEPMRATURE:	No data available.
ODOR:	None.	UPPER FLAMMABILITY LIMITS:	Not applicable.
pH:	7.5~10	LOWER FLAMMABILITY LIMITS	Not applicable.
BOILING POINT:	100℃	VAPOR PRESSURE:	Not applicable.
MELTING POINT:	0℃	VAPOR DENSITY:	Not applicable.
SPECIFIC GRAVITY:	1.0~1.1	SOLUBILITY IN WATER:	∞
PERCENT VOLATILE:	57 wt%	VISCOSITY at 25℃(mPa/S):	400~800
FLASH POINT:	Not applicable.	OCTANOL/WATER PARTITION COEFFICIENT:	No data available.

10. STABILITY AND REACTIVITY

REACTIVITY:	No data available.
CHEMICAL STABILITY:	No decomposition, if used according to specifications.
POSSIBILITY of HAZARDOUS REACTIONS:	None are known.
CONDITIONS to AVOID:	Do not reserve with high temperature up to 35℃。 Do not freeze the liquid.
MATERIAL to AVOID:	Strong acid or base.
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO_2 , NOx and SOx

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Inhalation:	No data available.
	Ingestion:	No data available.
	Eyes:	May cause irritation transiently, but will be weakly harmful.
	Skin:	Will be weakly harmful.
SENSITIZATION:		No data available.
MUTAGENICITY:		No data available.
REPRODUCTIVE TOXICITY:		No data available.
CARCINOGENICITY:		No data available.
OTHER INFORMATION:		None

12. ECOLOGICAL INFORMATION

TOXICITY:	No data available.
PERSISTENCE/DEGRADABILITY:	No data available.
BIOACCMULATION:	No data available.
MOBILITY:	No data available.
PBT and vPvB:	No data available.
OZONE DEPLETING SUBSTANCE:	Not contained.
OTHER ADVICE EFFECTS:	No data available.

13. DISPOSAL CONSIDERATIONS

Waste must be disposal of in accordance with federal, state and local regulation.

14. TRANSPORT INFORMATION

UN NUMBER:	Not regulated
UN PROPER SHIPPING NAME:	Not regulated
TRANSPORT HAZARD CLASS:	Not regulated
PACKING GROUP:	Not regulated
ENVIRONMENTAL HAZARDS:	Not regulated
SPECIAL PRECAUTIONS for USER:	Wear protection tools for personal safe in Section8.

15. REGULATORY INFORMATION

Follow all regulations in your country.

16. OTHER INFORMATION

The information contained herein is based on data available to us and believed to be correct. However, [redacted] makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

[redacted]. Assumes no responsibility for injury from the use of the product described herein.