

MATERIAL SAFETY DATA SHEET

Nikko Chemicals Co., Ltd.
1-4-8 Nihonbashi-Bakurocho
Chuoku, Tokyo 103
JAPAN
Tel: +81-3-3661-1677
Fax: +81-3-3664-8620

Serial No. 508090-02
Revision Date: July 27, 2007

1. CHEMICAL PRODUCT IDENTIFICATION

Product Name	NIKKOL VB6-IP
Common Chemical Name	Pyridoxine Tris-Hexyldecanoate
Product Code (Supplier)	NIKKO CHEMICALS CO., LTD.
INCI Name	PYRIDOXINE TRIS-HEXYLDECANOATE
CAS Number	564478-51-9
EINECS Number	

2. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Preparation: Substance

Information on hazardous ingredients

Chemical Name	%	EINECS No.	CAS Number
---------------	---	------------	------------

3. HAZARD IDENTIFICATION

Human Health Hazards: Not expected if handled and used properly.
Fire cautions.

4. FIRST AID MEASURES

Effects and Symptoms:

Ingestion	Large amount may be harmful.
Inhalation	No adverse effects known.
Skin Contact	No known effects.
Eye Contact	No known effects.

First Aid Measures:

Ingestion:	Wash the victim's mouth with water and give the victim 2~3 cups of water or milk unless unconscious. Call a doctor at once.
Inhalation:	Supply person with fresh air. If symptoms persist, call a doctor.
Skin contact:	Washes away with lots of water and soap. Call a doctor if necessary.
Eye contact:	Rinse thoroughly with lots of water for some minutes at once. Call a doctor if necessary.

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable: Dry chemical. Carbon dioxide. Foam. Sand.

Special Firefighting Procedures: Wear protective clothing to prevent contact with skin and eyes. In case of insufficient ventilation, wear suitable respiratory equipment.

Hazardous Thermal (de)composition Products: None

Protection of Firefighters: According to size of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Avoid contact with skin and eyes.
Environmental Precautions:	Do not empty into drains. Dispose in accordance with federal, state and local regulations.
Methods of cleaning up	Collect the material and rinse the remaining with lots of water. Take up mechanically.

7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. Keep away from sources of ignition.
Storage:	Store in a cool, dry place. Keep tightly closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory System Protection:	Use appropriate respirator if needed.
Skin and Body Protection:	Wear suitable protective clothing and gloves.
Hand Protection:	Wear suitable gloves.
Eye Protection:	Eye goggles, with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Clear to yellowish liquid.
Color:	Clear or colorless.
Odor:	Faint characteristic odor
Specific Gravity(20/20°C):	0.930~ 0.936
Ignition Point:	301°C (By Cleveland)
Solubility : Water	Non soluble.
Solvents	Soluble.

10. STABILITY AND REACTIVITY

Conditions to avoid:	The data available do not support any physical or chemical hazard.
Materials to avoid:	Not reactive.
Hazardous Decomposition Products:	No data.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Skin Irritation:	Not an irritant. (Closed Patch test to 40 person of 10% paraffin solution.)
Eye Irritation:	Not an irritant. (SIRC-NR Method)
Sensitization:	Not a sensitizer. (10% paraffin solution tested to 44 person.)
Mutagenicity:	Not mutagenic.
Cytotoxicity:	Not cytotoxic. (3T3-NR Method)
Phototoxicity:	Not phototoxic.

12. ECOLOGICAL INFORMATION

N.A.

13. DISPOSAL CONSIDERATIONS

Method of Disposal:	Observe all national environmental regulations.
---------------------	---

14. TRANSPORT INFORMATION

Land –Road/Railway	This product is not classified according to ADR/RID
Inland Waterways	This product is not classified according to ADN
Sea	This product is not classified according to IMDG
Air	This product is not classified according to IATA
National Transport Regulations	No additional national transport regulations are known to the supplier.

15. REGULATORY INFORMATION

Label Name:

NIKKOL VB6-IP

16. OTHER INFORMATION

History

Revised from issue:

April 10, 2007

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.
