Name of the Product **Nitsch & Nitsch Vitamins Solution (1000X)**
Code No. **PL 1023**

Section 1 : **Chemical Identification**

Code No.	:	PL 1023
Name of the Product	:	Nitsch & Nitsch Vitamins Solution (1000X)
Produced by	:	Central Drug House Pvt. Ltd.
Address	:	7/28 Vardaan House, Darya Ganj, New Delhi (INDIA)
Tel. No.	:	00 91 11 49404040

Section 2 Hazards Identification

2.1 Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

Serious eye damage or eye irritation, (Category 2A), H319
For the full text of the H-Statements mentioned in this Section, See Section 16

2.2 Label elements

Labeling according to Regulation (EC) No.1272/2008

Pictogram 

Signal word Warning

Hazard Statement(s)

H319 Causes serious eye irritation

Precautionary Statement(s)

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention.

Section 3 Composition/Information On Ingredients

3.1 Mixture

Component	Classification	Concentration
Nicotinic acid (Niacin)		
CAS No. : 59-67-6 EC No. : 200-441-0 Molecular Formula : $C_6H_5NO_2$ Molecular Weight : 123.11	**As Per EC Regulation 1272/2008** Eye Irrit. 2A H319	>=4 - <=5%

Section 4 First - Aid Measures

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

In case of skin contact

Wash off with soap and plenty of water. Take off contaminated clothing and wash before re-use. If skin irritation occurs,get medical advice/attention.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure

	through rinsing. If eye irritation persists, get medical advice/attention. ***If swallowed*** Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention. **4.2 Indication of immediate medical attention and special treatment needed** No data available
Section 5	**Fire Fighting Measures**
	5.1 Extinguishing media ***Suitable extinguishing media*** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. ***Unsuitable extinguishing media*** No data available. **5.2 Special hazards arising from the substance or mixture** Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Potassium oxides,, Sodium oxides, Hydrogen chloride gas, Cobalt oxides, Molybdenum oxides, Copper oxides, **5.3 Precautions for fire-fighters** Cool closed containers exposed to fire with water spray. **5.4 Further information** Wear self-contained breathing apparatus for firefighting if necessary.
Section 6	**Accidental Release Measures**
	6.1 Personal precautions, protective equipment and emergency procedures Use personnel protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8. **6.2 Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into environment must be avoided. **6.3 Methods and materials for containment and cleaning up** Keep in suitable, closed containers for disposal.Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal. **6.4 Reference to other sections** For disposal see Section 13.
Section 7	**Handling and Storage**
	7.1 Precautions for safe handling Avoid contact with skin and eyes. Keep away from heat and source of ignition Wash thoroughly after handling. **7.2 Conditions for safe storage, including any incompatibilities** Keep container tightly closed in a dry and well-ventilated place. Hygroscopic. ***Recommended Storage Temperature :*** On receipt store between 2 - 8°C **7.3 Specific end uses** Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.
Section 8	**Exposure Controls / Personal Protection**
	8.1 Control parameters **8.2 Exposure controls** ***Appropriate engineering controls*** General industrial hygiene practice. ***Personal protective equipment*** ***Hygiene measure*** Handle in accordance with good industrial hygiene and safety practice. ***Eye/face protection*** Safety glasses with side-shields conforming to EN 166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Have eye washing facilities readily available

where eye contact can occur.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Environment exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9 Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Colorless to yellow clear liquid.
Odour	No data available
Odour Threshold	No data available
pH	5.2 – 6.2
Melting/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Upper/lower flammability or explosive limits	No data available
Evaporation rate	No data available
Flammability (Solid, gas)	No data available
Vapour pressure	No data available
Relative density	No data available
Water Solubility	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapour density	No data available
Thermal decomposition	No data available

9.2 Other safety information

No data available

Section 10 Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

	10.5 Incompatible materials Strong oxidizing agents **10.6 Hazardous decomposition products** No data available
Section 11	**Toxicological Information**
	11.1 Information on toxicological effects ***Acute toxicity*** No data available Remarks : No data available No data available ***Skin corrosion/irritation*** No data available ***Serious eye damage/eye irritation*** No data available ***Respiratory or skin sensitisation*** No data available ***Germ cell mutagenicity*** No data available ***Carcinogenicity*** IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ***Reproductive toxicity*** No data available ***Specific target organ toxicity- repeated exposure*** No data available ***Additional Information*** RTECS : Not Applicable
Section 12	**Ecological Information**
	12.1 Toxicity No data available **12.2 Persistence and degradability** No data available **12.3 Bioaccumulative potential** No data available **12.4 Mobility in soil** No data available **12.5 PBT and vPvB assessment** This preparation contains no substance considered to be persistent,bioaccumulating or toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. **12.6 Other adverse effects**
Section 13	**Disposal Considerations**
	13.1 Waste treatments methods **Product** Dispose of as unused product. **13.2 Contaminated packaging** Burn in a chemical incinerator equipped with an afterburner and srcubber but exert extra care in igniting as this material is highly flammable. Contact a licenced professional waste disposal service to dispose off this material.
Section 14	**Transport Information**
	14.1 UN-No ADNR: ADR: IATA_C: IATA_P: IMDG: RID:

	14.2 UN proper shipping name ADNR : Not dangerous good ADR : Not dangerous good IATA_C : Not dangerous good IATA_P : Not dangerous good IMDG : Not dangerous good RID : Not dangerous good **14.3 Transport hazard class (es)** ADNR: ADR: IATA_C: IATA_P: IMDG: RID: **14.4 Packaging group** ADNR: ADR : IATA_C : IATA_P : IMDG: RID: **14.5 Environmental hazards** **14.6 Special precautions for use** No data available
Section 15	**Regulatory Information**
	15.1 Safety health and environment regulations/legislation specific for the substance or mixture **15.2 Chemical Safety Assessment** For this product a chemical safety assessment was not carried out.
Section 16	**Other Information** H319 Causes serious eye irritation Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A **Further Information** The information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. The information is offered solely for user's obligation to investigate and determine the suitability of the information for their particular purpose.