Name of the Product		**Oxford Listeria Supplement**
Code No.		**MS 2071**
Section 1 :	**Chemical Identification**	
	Code No. :	MS 2071
	Name of the Product :	Oxford Listeria Supplement
	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]

Acute toxicity, Oral, (Category 1), H300
Germ cell mutagenicity, (Category 2), H341
Reproductive toxicity, (Category 1A), H360D
Hazardous to the aquatic environment, long term hazard, (Category 2), H411
Serious eye damage or eye irritation, (Category 2A), H319

2.2 Label elements

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

Pictogram
Signal word Danger

Hazard Statement(s)

H300: Fatal if swallowed
H319: Causes serious eye damage
H341: Suspected of causing genetic defects
H360D : May damage the unborn child
H411: Toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P201: Obtain special instructions before use
P273 : Avoid release to the environment
P301+P310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P308+P313 : IF exposed or concerned: Get medical advice/attention
P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contactlenses, if present and easy to do. Continue rinsing.
P280 : IF experiencing respiratory symptoms: call a POISON CENTER ordoctor/physician

2.3 Other Hazards

None

Section 3 Composition/Information On Ingredients

3.1 Mixture

Component	Classification	Concentration
Actidione (Cycloheximide)		
CAS No. : 66-81-9 EC No. : 200-636-0 Index No.;613-140-00-8	**As Per EC Regulation 1272/2008** Acute Tox. oral 1,2; Skin Irrit. 2; Muta.2; Repr. 1B; Aquatic Chronic 2,H300; H315; H341; H360D; H411	>=90 - <=95%

		Component	**Classification**	**Concentration**
		Colistin Sulphate		
		CAS No. : 1264-72-8 EC No. : 215-034-3	**As Per EC Regulation 1272/2008** H301	>=1 - <=5%

		Component	**Classification**	**Concentration**
		Acriflavine		
		CAS No. : 8063-24-9	**As Per EC Regulation 1272/2008** Acute Tox. Oral 4; Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3; Aquatic Acute 1 H302; H315; H319; H335; H400	>=1 - <=5%

Refer Section 16 for complete statement of H codes and its classification

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. Consult aphysician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult aphysician.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 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

Nature of decomposition products not known.

5.3 Precautions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

5.4 Further information

No data available

Section 6	**Accidental Release Measures**
	6.1 Personal precautions, protective equipment and emergency procedures Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. **6.2 Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. **6.3 Methods and materials for containment and cleaning up** Soak up with inert absorbent material. 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. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. **7.2 Conditions for safe storage, including any incompatibilities** Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. ***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 Components with workplace control parameters **8.2 Exposure controls** ***Appropriate engineering controls*** Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products. ***Personal protective equipment*** ***Hygiene measure*** Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product. ***Eye/face protection*** Tightly fitting saftey goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). ***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 respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). ***Environment exposure controls*** Do not empty into drains.

Section 9	**Physical and Chemical Properties**
	9.1 Information on basic physical and chemical properties Appearance — Light orange coloured homogeneous powder Odour — No data available Odour Threshold — No data available pH — No data available Melting/freezing point — No data available Initial boiling point and boiling range — No data available Flash point — No data available Flammability (Solid, gas) — No data available Vapour pressure — No data available Relative density — No data available Water Solubility — No data available Partition coefficient: n-octanol/water — No data available Autoignition 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** No data available **10.3 Possibility of hazardous reactions** No data available **10.4 Conditions to avoid** No data available **10.5 Incompatible materials** No data available **10.6 Hazardous decomposition products** Other Decomposition products not known.
Section 11	**Toxicological Information**
	11.1 Information on toxicological effects ***Acute toxicity*** No data available ***Skin corrosion/irritation*** Mixture may cause skin irritation. ***Serious eye damage/eye irritation*** Mixture may cause eye irritation. ***Respiratory or skin sensitisation*** Mixture may cause skin sensitisation. ***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- single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

Potential Health Effects Inhalations

REFER SECTION 2

Skin

REFER SECTION 2

Eyes

REFER SECTION 2

Ingestion

REFER SECTION 2

Additional Information

RTECS : Not Available

11.2 **Components**

Cycloheximide

Acute oral Toxicity

Rat LD50: 2 mg/kg

Skin Corrosion/Irritation

Skin-rabbit Result: skin irritation :24hr

Germ cell mutagenicity

Lab experiments have shown mutagenic effects

Invitro tests showed
mutagenic effects.

Reproductive toxicity

May cause congenital malformation in the fetus.

Presumed human reproductive toxicant.

Liver-irregularities-based on human evidence.

Additional Information

RTECS:MA4375000

Chloramphenicol

Acute Toxicity

LD50 Oral rat:2.500 mg/kg

LD50 Intraperitoneal rat:1.811 mg/kg

LD50Intraperitoneal mouse:1.100 mg/kg

Respiratory or skin
sensitization

Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals

Germ cell mutagenicity

Lab experiments have shown mutagenic effects

Possible human carcinogen

IARC: Group 2A Probably carcinogenic to humans (Chloramphenicol)

Reproductive toxicity

May casue congenital malformation in the fetus.
Presumed human reproductive toxicant.

	Liver-irregularities-Based on human Evidence A Dose of about 1 gram can cause : Nausea, burning sensation, sores in the mouth, lesions of the :Throat., sores in the digestive tract, Tremors, convulsions Shock ., Death may result from ingestion of two to fivegrams., Prolonged or repeted expose may cause :, Increased :, bone density, calcium deposits in the ligaments, newbone growth,vomiting , diarrhea, abdominal pain, To the best of our Knowledge , the chemical ,Physical andtoxicological propertis have not been thoroughly investigated. **Additional Information** RTECS:AB6825000
Section 12	**Ecological Information**
	12.1 Toxicity No data available ***Components*** **Acriflavine hydrochloride** Toxicity to Fish Leuciscus idus (Golden orfe) LC50 :1-10 mg/l ;48 h Bluegill/Sunfish LC50: 13.5 mg/l; 48 h Rainbow trout LC50 : 19.9 mg/l; 48 h **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** PBT/vPvB assessment was not conducted as chemical safety assessment is not required. **12.6 Other adverse effects** No data available
Section 13	**Disposal Considerations**
	13.1 Waste treatments methods **Product** Offer surplus and non-recyclable solutions to a licenced disposal company. Contact a licenced professional waste disposal service to dispose off this material. **13.2 Contaminated packaging** Dispose of as unused product.
Section 14	**Transport Information**
	14.1 UN-No ADNR:2811 ADR:2811 IATA_C:2811 IATA_P:2811 IMDG:2811 RID:2811 **14.2 UN proper shipping name** ADNR : Toxic solids, organic, n.o.s. ADR : Toxic solids, organic, n.o.s. IATA_C : Toxic solids, organic, n.o.s. IATA_P : Toxic solids, organic, n.o.s. IMDG : Toxic solids, organic, n.o.s. RID : Toxic solids, organic, n.o.s. **14.3 Transport hazard class (es)** ADNR:6.1 ADR:6.1 IATA_C:6.1 IATA_P:6.1 IMDG:6.1 RID:6.1

	14.4 Packaging group ADNR:I ADR :I IATA_C :I IATA_P : I IMDG: I RID:I **14.5 Environmental hazards** ADNR : No ADR : No IMDG : Marine pollutant No IATA_C : No IATA_P : No RID : No **14.6 Special precautions for use** No data available
Section 15	**Regulatory Information**
	This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. **15.1 Safety health and environment regulations/legislation specific for the substance or mixture** No data available **15.2 Chemical Safety Assessment** No data available
Section 16	**Other Information**
	Text of H codes and classification mentioned in section 3 H300 : Fatal if swallowed H301 : Toxic if swallowed H302 : Harmful if swallowed H315 : Causes skin irritation H319 : Causes serious eye damage : H335 : May cause respiratory irritation H341 : Suspected of causing genetic defects H360D : May damage the unborn child H400 : Very toxic to aquatic life H411 : Toxic to aquatic life with long lasting effects Acute Tox. oral 1 : Acute toxicity, oral, Category 1 Acute Tox.oral 4 : Acute toxicity, oral, Category 4 Aquatic Acute 1 : Hazardous to the aquatic environment, acute hazard, Category 1 Aquatic Chronic 2 : Hazardous to the aquatic environment, long term hazard, Category 2 Eye Irrit. 2A : Serious eye damage or eye irritation, Category 1 Muta. 2 : Germ cell mutagenicity, Category 2 Repr. 1B : Reproductive toxicity, Category 1B Skin Irrit. 2 : Skin corrosion or irritation, Category 2 STOT SE 3 : Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3 **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.