

Material Safety Data sheet

Section 1: Product and Company Information

Product Name	Cary and Blair Transport Medium		
Catalogue Number	i23282	Technical Phone	0098 21 66787291
			09391003565
E-mail	ibresco@gmail.com	Fax No	0098 2633523460
Company Address	Zist Kavosh Iranian, No.432, East Kokab Av,45 Metri Golshahr, Karaj, Iran.		

Section 2: Hazards Identification

Classification of the substance or mixture

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

Sensitization, Skin, (Category 1), H317

Label elements

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

Pictogram



Signal word

Warning

Hazard Statement(s)

H317 May cause an allergic skin reaction

Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

Hazards not otherwise classified (HNOC) or not covered by GHS

none

Section 3: Composition / Information on Ingredients

Mixture

Component	Classification	Concentration*
Sodium thioglycolate		
CAS-No.	367-51-1	As Per EC Regulation 1272/2008 >=10 - <=20%
EC-No.	206-696-4	
	Acute Tox.oral. 3; Skin Sens. 1 H301; H317	

* Weight %

Section 4: First Aid Measures

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 a physician.

In case of skin contact Wash with plenty of soap and 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 a physician.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No data available

Section 5: Fire Fighting Measures

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media

No data available.

Special hazards arising from the substance or mixture

Carbon oxides

Hydrogen chloride gas

Sodium oxides

Oxides of phosphorus

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary

Further information

No data available

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Normal measures for preventive fire protection.

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 10-30°C

Section 8: Exposure Controls / Personal Protection

Control parameters

Components with workplace control parameters

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 safety goggles; Face shield (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 2016/425/EEC and the standard EN ISO 374-1/2016 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).

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties

Physical state	homogenous free flowing powder
Color	Cream to yellow
Odor	No data available
Odor Threshold	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flammability (solid, gas)	No data available
Flash point	No data available
Vapor pressure	No data available
Vapor density	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
pH	8.20 - 8.60
Viscosity	No data available
Water Solubility	No data available

Partition coefficient: n-octanol/water	No data available
Relative density	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Other safety information	No data available

Section 10: Stability and Reactivity

Reactivity	No data available
Chemical stability	No data available
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	In the event of fire: see section 5

Section 11: Toxicological Information

Information on toxicological effects	
Mixture	
Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	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.
Specific target organ toxicity - single exposure	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.
Aspiration hazard	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.
Additional Information	RTECS: No data available
Components	
Sodium Thioglycolate	
Acute oral toxicity	Rat LD50: 50-200 mg/kg(As per OECD Test Guideline 423) Acute dermal toxicity
Acute dermal toxicity	Rat LD50: >1000-2000 mg/kg(As per OECD Test Guideline 402) Rat LD50: >1000-2000 mg/kg (As per OECD Test Guideline 402)

Skin corrosion/irritation	Rabbit: Slight irritation (As per OECD Test Guideline 404)
Serious eye damage/eye irritation	Rabbit: Slight irritation (As per OECD Test Guideline 405)
Sensitization	Local Lymph Node Assay (LLNA) Mouse: Positive (As per OECD Test Guideline 429)
Germ cell mutagenicity	In vivo micronucleus test: Mouse (male & female)
Genotoxicity in vivo	Oral Result: Negative method (As per OECD Test Guideline 474)
Genotoxicity in vitro	Ames Test: Salmonella Typhimurium Result: Negative (As per OECD Test Guideline 471)
Additional information	RTECS: AI7700000

Section 12: Ecological Information

No data available

Components

Sodium thioglycolate

Toxicity to fish	Oncorhynchus mykiss (rainbow trout) LC50: > 100 mg/l; 96 h (As per OECD Test Guideline 203)
Toxicity to daphnia and other aquatic invertebrates	Daphnia magna (Water flea) EC50: 38 mg/l; 48 h (As per OECD Test Guideline 202)
Toxicity to algae	Desmodesmus subspicatus (green algae) EC50: > 100 mg/l; 72h (As per OECD Test Guideline 201)
Toxicity to bacteria	EC50 Activated sludge: 820 mg/l; 0.5 h (As per OECD Test Guideline 209)

Persistence and degradability No data available

Bio accumulative potential No data available

Mobility in soil No data available

PBT and vPvB assessment No data available

Other adverse effects No data available

Section 13: Disposal Consideration

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

UN-No	ADNR ADR IATA_C IATA_P IMDG RID
UN proper shipping name	ADNR: Not dangerous goods ADR: Not dangerous goods IATA_C: Not dangerous goods

	IATA_P: Not dangerous goods IMDG: Not dangerous goods RID: Not dangerous goods
Transport hazard class(es)	ADNR ADR IATA_C IATA_P IMDG RID
Packaging group	ADNR ADR IATA_C IATA_P IMDG RID
Environmental hazards	ADNR: No ADR: No IMDG: Marine Pollutant No IATA_C: No IATA_P: No RID: No
Special precautions for use	No data available

Section 15: Regulatory Information

Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety health and environment regulations/legislation specific for the substance or mixture

No data available

Chemical Safety Assessment

No data available

Section 16: Other Information

DISCLAIMER

For R&D use only. Not for drug, household or other uses.

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. *ibresco* shall not be held liable for any damage resulting from handling or from contact with the above product.

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