Handi-Craft Company
4433 Fyler AvenueSt. Louis, Missouri 63116 U.S.A.
Email address: info@handi-craft.com
Telephone: 001 (800) 778-9001

Ice Pack

SDS Preparation Date (mm/dd/yyyy): 10/14/2021

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SECTION 1. IDENTIFICATION

Product identifier used on the label

: **Ice Pack**

Other means of identification : None assigned.

Recommended use of the chemical and restrictions on use

: Ice Pack for Freezable Bottle Cooler Bag
Restrictions on use:Children must be supervised when using this product.

Chemical family : Mixture

Name, address, and telephone number of the supplier:

Handi-Craft Company

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St. Louis, Missouri 63116
U.S.A.
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Name, address, and telephone number of the manufacturer:

Refer to supplier

Supplier's Telephone # : 1-800- 778-9001 (Monday - Friday 8:00 am - 4:30 pm CST)

24 Hr. Emergency Tel # : Not available.

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Clear colourless gel. No odour.

Most important hazards: Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.

This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).

Label elements

Hazard pictogram(s)

None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

Signal Word

None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

Hazard statement(s)

None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

Precautionary statement(s)

None required under U.S. OSHA HazCom 2012 and Canadian WHMIS 2015 regulations.

Other hazards

Other hazards which do not result in classification:
Burning produces obnoxious and toxic fumes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Encapsulated clear colourless gel.

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Chemical name	Common name and synonyms	CAS #	Concentration (% by weight)
None reported.	N/Av	N/Av	**Proprietary**

The exact concentrations and/or specific chemical identities of the above listed chemicals are being withheld as a trade secret.

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : None required under normal conditions. If ingested, do not induce vomiting. Never give anything by mouth to a person who is unconscious or is having convulsions. If irritation or symptoms develop, seek medical attention.

Inhalation : None required under normal conditions. If irritation or symptoms develop, seek medical attention.

Skin contact : None required under normal conditions. Wash off with warm water and soap. If irritation or symptoms develop, seek medical attention.

Eye contact : None required under normal conditions. Flush eyes with water as a precaution. If irritation or symptoms develop, seek medical attention.

Most important symptoms and effects, both acute and delayed

: Direct skin contact may cause temporary redness.

Indication of any immediate medical attention and special treatment needed

: Provide general supportive measures and treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

Unsuitable extinguishing media

: None known.

Special hazards arising from the substance or mixture / Conditions of flammability

: Not considered flammable. Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; Nitrogen oxides (NOx); Hydrogen chloride; Sodium oxides; Other unidentified organic compounds.

Flammability classification (OSHA 29 CFR 1910.106)

: Not classified as flammable.

Hazardous combustion products

: Carbon oxides; Nitrogen oxides (NOx); Hydrogen chloride; Sodium oxides; Other unidentified organic compounds.

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures

: Move containers from fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: For personal protection, see section 8 of the SDS.

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Environmental precautions : Avoid release to the environment. Prevent product from entering drains, sewers, waterways and soil.

Methods and material for containment and cleaning up

: For non-household setting: Prevent entry into waterways, sewers, or confined areas. It is preferable to contain and collect large spillages with non-combustible absorbent materials and place in a clearly labeled suitable container for disposal in accordance with local waste control laws.

For household setting: Wipe up contents of cold pack and place in a suitable container for disposal.

Special spill response procedures

: Absorb residues and small spills with a non-flammable absorbent material and collect adsorbate for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Use according to package label instructions. Keep containers closed when not in use. Wash thoroughly after handling. Keep out of reach of children. Avoid release to the environment.

Conditions for safe storage : Keep out of reach of children. Store in cool/well-ventilated place. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

Incompatible materials : None known or reported by the manufacturer.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Chemical Name	ACGIH TLV		OSHA PEL	
	TWA	STEL	PEL	STEL
None reported.	N/Av	N/Av	N/Av	N/Av

Derived No Effect Level (DNEL):
No information available.

Predicted No Effect Concentration (PNEC):
No information available.

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Exposure controls

Ventilation and engineering measures

: None required when used as intended. Provide adequate ventilation. General room ventilation is normally adequate. Where adequate general ventilation is unavailable, use local exhaust ventilation, or other engineering controls.

Respiratory protection : None required when used as intended. If airbourne concentrations are above the permissible exposure limits or are not known, respiratory protection may be required. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. Advice should be sought from respiratory protection specialists.

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Skin protection	:	None required when used as intended. For prolonged or repeated contact use protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it. Wear sufficient clothing to prevent skin contact.
Eye / face protection	:	None required when used as intended. Wear as appropriate: Safety glasses with side shields.
Other protective equipment	:	None required when used as intended. Other equipment may be required depending on workplace standards.
General hygiene considerations	:	Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Clear colourless gel.
Odour	:	No odour.
Odour threshold	:	No information available.
pH	:	7.0
Melting Point/Freezing point	:	0°C
Initial boiling point and boiling range	:	No information available.
Flash point	:	No information available.
Flashpoint (Method)	:	Not applicable.
Evaporation rate (BuAe = 1)	:	No information available.
Flammability (solid, gas)	:	Not classified as flammable.
Lower flammable limit (% by vol.)	:	No information available.
Upper flammable limit (% by vol.)	:	No information available.
Oxidizing properties	:	None known.
Explosive properties	:	Not explosive
Vapour pressure	:	No information available.
Vapour density	:	No information available.
Relative density / Specific gravity	:	No information available.
Solubility in water	:	No information available.
Other solubility(ies)	:	No information available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution	:	No information available.
Auto-ignition temperature	:	No information available.
Decomposition temperature	:	No information available.
Viscosity	:	No information available.
Volatiles (% by weight)	:	No information available.
Volatile organic Compounds (VOC's)	:	No information available.
Absolute pressure of container	:	Not applicable.
Flame projection length	:	Not applicable.
Other physical/chemical comments	:	No additional information.

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SECTION 10. STABILITY AND REACTIVITY

Reactivity : Not normally reactive.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions
: Hazardous polymerization does not occur. No dangerous reaction known under conditions of normal use.
Conditions to avoid : Avoid excessive heat, sparks and open flame.
Incompatible materials : None known or reported by the manufacturer.
Hazardous decomposition products
: None known.
Burning produces obnoxious and toxic fumes. In the event of fire the following can be released: Carbon oxides; Nitrogen oxides (NOx); Hydrogen chloride; Sodium oxides; Other unidentified organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : NO
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption
: NO

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation
: No adverse effects due to inhalation are expected.
Sign and symptoms ingestion
: None expected, when used as intended.
Sign and symptoms skin : None expected, when used as intended.
Sign and symptoms eyes : None expected, when used as intended.

Potential Chronic Health Effects
: None known or reported by the manufacturer.
Mutagenicity : Contains no ingredient listed as a mutagen.
Carcinogenicity : Contains no ingredient listed as a carcinogen.
Reproductive effects & Teratogenicity
: Contains no ingredient listed as toxic to reproduction.
Sensitization to material : Not expected to be a skin or respiratory sensitizer.
Specific target organ effects : According to the classification criteria of U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015), this product is not expected to cause target organ toxicity through single or repeated exposures.
Medical conditions aggravated by overexposure
: Pre-existing skin or eye disorders.
Synergistic materials : None known or reported by the manufacturer.
Toxicological data : No data is available on the product itself.

See below for individual ingredient acute toxicity data.

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Chemical name	LC_{50}(4hr) inh, rat	LD_{50} (Oral, rat)	LD_{50} (Rabbit, dermal)
None reported.	N/Av	N/Av	N/Av

Other important toxicological hazards : None known or reported by the manufacturer.

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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : Avoid release to the environment. No data is available on the product itself. The components of this product are expected to be safe for the environment at concentrations predicted under normal use and accidental spill scenarios. Packaging components are compatible with the conventional solid waste management practices.

See the following tables for individual ingredient ecotoxicity data.

Ecotoxicity data:

Ingredients	CAS #	Toxicity to Fish		
		LC50 / 96h	NOEC / 21 day	M Factor
None reported.	N/Av	N/Av	N/Av	None.

Ingredients	CAS #	Toxicity to Daphnia		
		EC50 / 48h	NOEC / 21 day	M Factor
None reported.	N/Av	N/Av	N/Av	None.

Ingredients	CAS #	Toxicity to Algae		
		EC50 / 96h or 72h	NOEC / 96h or 72h	M Factor
None reported.	N/Av	N/Av	N/Av	None.

Persistence and degradability : The product itself has not been tested.

Bioaccumulation potential : The product itself has not been tested. See the following data for ingredient information.

Components	Partition coefficient n-octanol/water (log Kow)	Bioconcentration factor (BCF)
None reported. (CAS N/Av)	N/Av	N/Av

Mobility in soil : The product itself has not been tested.

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Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8.

Methods of Disposal : Dispose of in accordance with local regulations.

RCRA : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
TDG	None.	Not regulated.	not regulated	none	
TDG Additional information	None.				
49CFR/DOT	None.	Not regulated.	not regulated	none	
49CFR/DOT Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

Special precautions for user : Appropriate advice on safety must accompany the package. Avoid release to the environment.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not applicable.

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SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
None reported.	N/Av	No	None.	None.	No	No

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
None reported.	N/Av	No	N/Ap	No	No	No	No	No	No

Canadian Information:

All ingredients are listed on the DSL, or are exempted materials.

International Information:

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECs	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
None reported.	N/Av		N/Av	N/Av	N/Av	N/Av	N/Av	N/Av

SECTION 16. OTHER INFORMATION

Legend : ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
AIHA: American Industrial Hygiene Association
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
DOT: Department of Transportation
EC50: Effective Concentration 50%
EINECS: European Inventory of Existing Commercial chemical Substances
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HSDB: Hazardous Substances Data Bank

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IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IECSC: Inventory of Existing Chemical Substances
IMDG: International Maritime Dangerous Goods
IOC: Inventory of Chemicals
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
N/Ap: Not Applicable
N/Av: Not Available
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
RCRA: Resource Conservation and Recovery Act
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SCBA: Self-Contained Breathing Apparatus
STEL: Short Term Exposure Limit
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEEL: Workplace Environmental Exposure Level

References : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices
2. ECHA - European Chemical Agency
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases
4. Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists
6. California Proposition 65 List
7. OECD -The Global Portal to Information on Chemical Substances - eChemPortal

Preparation Date (mm/dd/yyyy)
: 10/14/2021

Other special considerations for handling
: Provide adequate information, instruction and training for operators.

Prepared for:
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This Safety Data Sheet was prepared by ICC The Compliance Center Inc. using information provided by Handi-Craft

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END OF DOCUMENT