

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 06/10/2019 Date of issue: 13/01/2011 Supersedes: 15/09/2015 Version: 2.1 CLM-8042

SECTION 4. Identification of the cube	stance with the and of the company hundritely in a	
1.1. Product identifier	stance/mixture and of the company/undertaking	
Product form Substance name EC-No. CAS-No. Product code Formula Synonyms	 Substance HYPOXANTHINE (13C5, 99%) 200-697-3 (Unlabeled) 68-94-0 (Unlabeled) CLM-8042 *C5H4N4O Purin-6(1H)-one / 6-Hydroxypurine 	
1.2.1 Relevant identified uses 1.2.1. Relevant identified uses Main use category Industrial/Professional use spec 1.2.2. Uses advised against No additional information available	: Professional use : For professional use only	
1.3. Details of the supplier of the safety data sheet Cambridge Isotope Laboratories, Inc. 50 Frontage Road Andover, MA 01810 USA USA: 1-800-322-1174 Int: 1-978-749-8000 cilsales@isotope.com www.isotope.com Emergency telephone number Emergency numbers:		
Chemtrec: 1-800-424-9300 (24 hours) International: 1-703-741-5970 (24 hours) SECTION 2: Hazards identification		
2.1. Classification of the substance or m	ixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified		
Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] Not classified		
GHS-US classification Not classified		
Adverse physicochemical, human health and environmental effects No additional information available		
2.2. Label elements		

Labeling according to Regulation (EC) No. 1272/2008 [CLP] No labeling applicable

GHS-US labeling

No labeling applicable

2.3. **Other hazards**

No additional information available

06/11/2019

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: Composition/Information on ingredients			
3.1. Substances			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
HYPOXANTHINE (13C5, 99%)	(CAS-No.) 68-94-0 (Unlabeled) (EC-No.) 200-697-3 (Unlabeled)	100	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
HYPOXANTHINE (13C5, 99%)	(CAS-No.) 68-94-0 (Unlabeled) (EC-No.) 200-697-3 (Unlabeled)	100	Not classified

Full text of R- and H- phrases: see section 16

Name	Product identifier	%	GHS-US classification
HYPOXANTHINE (13C5, 99%) (Main constituent)	(CAS-No.) 68-94-0 (Unlabeled)	100	Not classified

Full text of H-phrases: see section 16

3.2. **Mixtures** Not applicable **SECTION 4: First aid measures** 4.1. **Description of first aid measures** : Move out of dangerous area. Consult a physician and show this safety data sheet. First-aid measures general : If breathed in, move person to fresh air. If not breathing, give artificial respiration. Consult a First-aid measures after inhalation physician. First-aid measures after skin contact : Wash with soap and plenty of water. Consult a physician. First-aid measures after eye contact : Flush eyes with water as a precaution. : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a First-aid measures after ingestion physician. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/effects after inhalation : May be harmful if inhaled. May cause respiratory tract irritation. Symptoms/effects after skin contact : May be harmful if absorbed through skin. May cause skin irritation. Symptoms/effects after eye contact : Causes eye irritation. Symptoms/effects after ingestion : May be harmful if swallowed. 4.3. Indication of any immediate medical attention and special treatment needed No additional information available SECTION 5: Firefighting measures 5.1. **Extinguishing media** Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. 52 Special hazards arising from the substance or mixture No additional information available 5.3. **Advice for firefighters** Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. SECTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures 6.1. 6.1.1 For non-emergency personnel Emergency procedures : Avoid dust formation.

6.1.2. For emergency responders

 No additional information available

 6.2.
 Environmental precautions

 Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up For containment : Sweep up and shovel. Keep in suitable, closed containers for disposal. 6.4. Reference to other sections

No additional information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 7: Handling and storage 7.1 Precautions for safe handling Additional hazards when processed i. Avid formation of dust and seroods. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. Hygiene measures i: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. 7.2. Conditions for safe storage, including any incompatibilities Store at room temperature away from light and moisture. 7.3. 7.3. Specific end use(3) No additional information available Store at room temperature away from light and moisture. 8.1. Control parameters No additional information available Store at room temperature away from light and moisture. 8.2. Exposure controls/personal protection 8.1. Control parameters No additional information available Store at room temperature away from light and moisture. 8.2. Exposure controls 8.2. Exposure controls/personal protection available 8.3. Control parameters No additional information available Concept available 8.4. Exposure controls 8.2. Exposure controls/personal pro				
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Explosive properties : No data available				
Oxidizing properties : No data available				
Explosion limits : No data available				
9.2. Other information				

9.2. Other information

No additional information available

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

26, 2012 / Rules and Regulations	
SECTION 10: Stability and reactivity	
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	
Stable if stored under recommended conditions.	
10.3. Possibility of hazardous reactions	
No additional information available	
10.4. Conditions to avoid	
No additional information available	
10.5. Incompatible materials	
Strong oxidizing agents.	
10.6. Hazardous decomposition products	3
Formed under fire conditions: Carbon oxides, Ni	trogen oxides.
SECTION 11: Toxicological informat	ion
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity - single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Potential Adverse human health effects and symptoms	: The chemical, physical, and toxicological properties have not been thoroughly investigated.
Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory tract irritation.
Symptoms/effects after skin contact	: May be harmful if absorbed through skin. May cause skin irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

SECTI	ON 12: Ecological information		
12.1.	Toxicity		
No additi	onal information available		
12.2.	Persistence and degradability		
No additi	onal information available		
12.3.	Bioaccumulative potential		
No additi	onal information available		
12.4.	Mobility in soil		
No additi	onal information available		
12.5.	Results of PBT and vPvB assessment		
No additi	onal information available		
12.6.	Other adverse effects		
No additional information available			
SECTI	ON 13: Disposal considerations		
13.1.	Waste treatment methods		
Regional	legislation (waste) :	Waste materials should be disposed of under conditions which meet Federal, State, and local environmental control regulations.	

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 14: Transport information	on
In accordance with ADR / RID / IMDG / IATA	/ ADN
14.1. UN number	
Not applicable	
14.2. UN proper shipping name	
Not applicable	
14.3. Additional information	
Other information	: No supplementary information available.
Special transport precautions	: Not dangerous goods.
Overland transport	
No additional information available	
Transport by sea	
No additional information available	
Air transport	
No additional information available	
14.4. Environmental hazards	
Other information	: No supplementary information available.
14.5. Special precautions for user	
Special transport precautions	: Not dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 14.6.

Not applicable

SECTION 15: Regulatory information		
15.1. US Federal regulations		
HYPOXANTHINE (13C5, 99%) (68-94-0 (Unlabeled))		
SARA Section 302 Threshold Planning Quantity (TPQ)	Not subject to reporting requirements of the United States SARA Section 302	
SARA Section 313 - Emission Reporting	Not subject to reporting requirements of the United States SARA Section 313	

15.2. International regulations

CANADA

HYPOXANTHINE (13C5, 99%) (68-94-0 (Unlabeled))
Listed on the Canadian DSL (Domestic Substances List)

15.2.1. National regulations

No additional information available

15.3. US State regulations	
HYPOXANTHINE (13C5, 99%)(68-94-0 (Unlabeled))	
U.S California - Proposition 65 - Carcinogens List	No
U.S California - Proposition 65 - Developmental Toxicity	No
U.S California - Proposition 65 - Reproductive Toxicity - Female	No
U.S California - Proposition 65 - Reproductive Toxicity - Male	No
State or local regulations	U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 and according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 16: Other information	
Other information	: This product is not radioactive. The data given for this product are those of the corresponding unlabeled compound, unless specifically indicated otherwise. Health and safety data for labeled compounds are generally not available, but are assumed to be similar or identical to the corresponding unlabeled compound.
NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.
Hazard Rating	
Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard

CIL Substance SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product