

### E. COLI MALTOSE BINDING PROTEIN (27-396), HOLO-CLOSED (13C, 95%; 15N, 95%)

### 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

Date of issue: 08/01/2016 NEX-MBP2-CN Revision date: 20/07/2021

Supersedes: 30/08/2018

Version: 1.2

	Product identifier	
Product	tform	: Mixtures
Product	name	: E. COLI MALTOSE BINDING PROTEIN (27-396), HOLO-CLOSED (13C, 95%; 15N, 95%)
Product	code	: NEX-MBP2-CN
1.2.	Relevant identified uses of the sul	ostance or mixture and uses advised against
1.2.1.	Relevant identified uses	
Industri	al/Professional use spec	: For professional use only
1.2.2.	Uses advised against	
No addi	itional information available	
1.3.	Details of the supplier of the safet	y data sheet
50 Fron	dge Isotope Laboratories, Inc. tage Road rr, MA 01810	
	-800-322-1174 Int: 1-978-749-8000 @isotope.com www.isotope.com	
	Emergency telephone number	
Emerge	ency numbers:	
	ec: 1-800-424-9300 (24 hours) ional: 1-703-741-5970 (24 hours)	
SECT	ION 2: Hazards identification	
2.1.	Classification of the substance or	mixture
Classif	ication according to Regulation (EC)	No. 1272/2008 [CLP]
	ssified	
Not clas		
	ication according to Directive 67/548 ssified	
Classif Not clas	ssified S classification	
Classif Not clas GHS-U Not clas Advers	ssified S classification	
Classif Not class GHS-U Not class Advers	ssified S classification ssified e physicochemical, human health ar	

No labeling applicable

2.3. Other hazards

No additional information available

### **SECTION 3: Composition/Information on ingredients**

### 3.1. Substances

Not applicable

95%; 15N, 95%) NEX-MBP2-CN

### 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

3.2. Mixtures			
Name	Product identifier	%	Classification according to Directive 67/548/EEC
WATER UNLABELED	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	90.4516	Not classified
DEUTERIUM OXIDE (D, 99.9%)	(CAS-No.) 7789-20-0 (EC-No.) 232-148-9	9.0451	Not classified
SODIUM PHOSPHATE UNLABELED	(CAS-No.) 7601-54-9 (EC-No.) 231-509-8	0.3295	Xi; R36/37/38
MALTOTRIOSE	(CAS-No.) 1109-28-0 (EC-No.) 214-174-2	0.1508	Not classified
SODIUM AZIDE (1-15N, 98%+)	(CAS-No.) 26628-22-8 (Unlabeled) (EC-No.) 247-852-1 (Unlabeled) (EC Index-No.) 011-004-00-7 (Unlabeled)	0.0201	Xn; R20/21 T; R23 Xn; R22 T; R24/25 T+; R28 Repr.Cat.1; R61
MALTOSE BINDING PROTEIN	(CAS-No.) 153131-94-3	0.0029	Not classified
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
WATER UNLABELED	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	90.4516	Not classified
DEUTERIUM OXIDE (D, 99.9%)	(CAS-No.) 7789-20-0 (EC-No.) 232-148-9	9.0451	Not classified
SODIUM PHOSPHATE UNLABELED	(CAS-No.) 7601-54-9 (EC-No.) 231-509-8	0.3295	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
MALTOTRIOSE	(CAS-No.) 1109-28-0 (EC-No.) 214-174-2	0.1508	Not classified
SODIUM AZIDE (1-15N, 98%+)	(CAS-No.) 26628-22-8 (Unlabeled) (EC-No.) 247-852-1 (Unlabeled) (EC Index-No.) 011-004-00-7 (Unlabeled)	0.0201	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 1 (Inhalation:dust,mist), H330 STOT RE 2, H373
MALTOSE BINDING PROTEIN	(CAS-No.) 153131-94-3	0.0029	Not classified
Name	Product identifier	%	GHS-US classification
WATER UNLABELED	(CAS-No.) 7732-18-5	90.4516	Not classified
DEUTERIUM OXIDE (D, 99.9%)	(CAS-No.) 7789-20-0	9.0451	Not classified
SODIUM PHOSPHATE UNLABELED	(CAS-No.) 7601-54-9	0.3295	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335
MALTOTRIOSE	(CAS-No.) 1109-28-0	0.1508	Not classified
SODIUM AZIDE (1-15N, 98%+)	(CAS-No.) 26628-22-8 (Unlabeled)	0.0201	Acute Tox. 2 (Oral), H300 Acute Tox. 1 (Dermal), H310 Acute Tox. 1 (Inhalation:dust,mist), H330 STOT RE 2, H373
MALTOSE BINDING PROTEIN	(CAS-No.) 153131-94-3	0.0029	Not classified

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

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: If you feel unwell, seek medical advice (show the label where possible). Evacuate danger area.
First-aid measures after inhalation	: If not breathing give artificial respiration.
First-aid measures after skin contact	: Wash with plenty of soap and water. Get immediate medical advice/attention.
First-aid measures after eye contact	: Flush eyes with water as a precaution.
First-aid measures after ingestion	: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: May be harmful in contact with skin. May cause moderate irritation.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

95%; 15N, 95%) NEX-MBP2-CN

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

3. Indication of any immediate medical attention and special treatment needed			
No additional information availal	ble		
<b>SECTION 5: Firefighting</b>	measures		
5.1. Extinguishing media	l		
Suitable extinguishing media	:	Water spray. Dry chemical powder, ale	cohol-resistant foam, carbon dioxide (CO2).
5.2. Special hazards aris	ing from the subst	ance or mixture	
No additional information available	ble		
5.3. Advice for firefighter	'S		
Firefighting instructions	:		a reasonable distance. Wear a self contained breathing but proper protective equipment, including respiratory
Protection during firefighting	:	Do not enter fire area without proper p Wear recommended personal protection	rotective equipment, including respiratory protection. ve equipment.
Other information	:	The product itself does not burn.	
SECTION 6: Accidental	release measu	res	
6.1. Personal precaution	s, protective equip	ment and emergency procedures	
6.1.1. For non-emergency Emergency procedures	•	Avoid breathing vapors, mist, gas. Avo	bid dust formation.
6.1.2. For emergency resp Protective equipment	onders	Do not attempt to take action without s refer to section 8: "Exposure controls/	suitable protective equipment. For further information personal protection".
6.2. Environmental preca	autions		
Prevent entry to sewers and put	olic waters. Do not a	allow to enter drains or water courses. A	void release to the environment.
6.3. Methods and materia	al for containment	and cleaning up	
For containment	:	Dike and contain spill. Clean up any sp collect it.	pills as soon as possible, using an absorbent material to
6.4. Reference to other s	ections		
No additional information available	ble		
SECTION 7: Handling ar	nd storage		
7.1. Precautions for safe	handling		
Hygiene measures	:	Wash hands and other exposed areas smoking and when leaving work.	with mild soap and water before eating, drinking or
7.2. Conditions for safe s	storage, including	any incompatibilities	
Storage conditions	:	Store in freezer (-80°C). Protect from I	ight, air and moisture.
7.3. Specific end use(s) No additional information available	ble		
SECTION 8: Exposure c	ontrols/person	al protection	
8.1. Control parameters			
SODIUM AZIDE (1-15N, 98%-	+) (26628-22-8 (Unl	abeled))	
Italy - Portugal - USA ACGIH	ACGIH STEL (mg		0.29 mg/m <sup>3</sup> Lung damage. Cardiac impairment. Not classifiable as a human carcinogen.
Italy - Portugal - USA ACGIH	ACGIH STEL (pp	m)	0.11 ppm Lung damage. Cardiac impairment. Not classifiable as a human carcinogen.
USA NIOSH	NIOSH REL (TWA	A) (mg/m <sup>3</sup> )	0.3 mg/m <sup>3</sup> Potential for dermal absorption
USA NIOSH	NIOSH REL (TWA	A) (ppm)	0.1 ppm Potential for dermal absorption
USA OSHA	OSHA PEL (TWA	) (mg/m³)	0.3 mg/m <sup>3</sup> Skin notation
USA OSHA	OSHA PEL (TWA	) (ppm)	0.1 ppm Skin notation
SODIUM PHOSPHATE UNLA	BELED (7601-54-9	)	
Italy - Portugal - USA ACGIH			5 mg/m <sup>3</sup>

95%; 15N, 95%) NEX-MBP2-CN

### Safety Data Sheet

Hand protection

Respiratory protection

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

#### 8.2. Exposure controls Personal protective equipment

: Gloves. Protective clothing. Protective goggles. Self-contained breathing apparatus.
: Wear suitable protective clothing and gloves.

- : Wear eye protection. Chemical goggles or face shield with safety glasses.
- Eye protection Skin and body protection
- : Wear suitable protective clothing, gloves and eye/face protection.
- : In case of inadequate ventilation wear respiratory protection. Approved supplied air respirator.

#### SECTION 9: Physical and chemical properties

9.1. Information on basic physical a	nd chemical properties
Physical state	: Liquid
Appearance	: Liquid
Molecular mass	: 18.02 g/mol
Color	: Colorless
Odor	: No data available
Odor threshold	: No data available
рН	: 6.0 - 8.0 at 25 °C (77 °F)
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: 0 °C (32.0 °F)
Freezing point	: 0 °C (32.0 °F)
Boiling point	: 100 °C (212.0 °F)
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1 g/ml at 20 °C (68 °F)
Solubility	: Water: Completely miscible
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

### 9.2. Other information

```
No additional information available
```

SECTION 10: Stability and reactivity
10.1. Reactivity
No additional information available
10.2. Chemical stability
Two years after receipt if stored as stated in "Storage" section. Re-QC after 2 years.
10.3. Possibility of hazardous reactions
No additional information available
10.4. Conditions to avoid
No additional information available
10.5. Incompatible materials
No additional information available

95%; 15N, 95%) NEX-MBP2-CN

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

10.6. Hazardous decomposition products	
No additional information available	
SECTION 11: Toxicological informati	on
11.1. Information on toxicological effects	
Acute toxicity	: Not classified
SODIUM AZIDE (1-15N, 98%+) (26628-22-8 (U	nlabeled))
LD50 oral rat	27 mg/kg
LD50 dermal rabbit	20 mg/kg
LC50 inhalation rat (mg/l)	37 mg/m <sup>3</sup>
ATE CLP (oral)	27.000 mg/kg body weight
ATE CLP (dermal)	20.000 mg/kg body weight
ATE CLP (vapors)	0.037 mg/l/4h
ATE CLP (dust, mist)	0.037 mg/l/4h
MALTOSE BINDING PROTEIN (153131-94-3)	
LD50 oral rat	> 90000 mg/kg
Skin corrosion/irritation	: Not classified
	pH: 6.0 - 8.0 at 25 °C (77 °F)
Serious eye damage/irritation	: Not classified
	pH: 6.0 - 8.0 at 25 °C (77 °F)
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	: 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.
Symptoms/effects after inhalation	: May be harmful if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: May be harmful in contact with skin. May cause moderate irritation.
Symptoms/effects after eye contact	: May cause eye irritation.
Symptoms/effects after ingestion	: May be harmful if swallowed.

12.1. Toxicity         Ecology - general       : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.         SODIUM AZIDE (1-15N, 98%+) (26628-22-8 (Unlabeled))         LC50 fish 1       5.46 mg/l - 96 h - Pimephales promelas (fathead minnow) -         ErC50 (algae)       0.35 mg/l - 96 h - Pseudokircheneriella subcapitata -         12.2. Persistence and degradability       No additional information available         12.3. Bioaccumulative potential       No additional information available         12.4. Mobility in soil       No additional information available         12.5. Results of PBT and vPvB assessment       No additional information available         12.6. Other adverse effects       No additional information available	SECT	ION 12: Ecological information	
effects in the environment.         SODIUM AZIDE (1-15N, 98%+) (26628-22-8 (Unlabeled)))         LC50 fish 1       5.46 mg/l - 96 h - Pimephales promelas (fathead minnow) -         ErC50 (algae)       0.35 mg/l - 96 h - Pseudokircheneriella subcapitata -         12.2. Persistence and degradability         No additional information available       12.3. Bioaccumulative potential         No additional information available       12.4. Mobility in soil         No additional information available       12.5. Results of PBT and vPvB assessment         No additional information available       12.5. Other adverse effects	12.1.	Toxicity	
LC50 fish 1       5.46 mg/l - 96 h - Pimephales promelas (fathead minnow) -         ErC50 (algae)       0.35 mg/l - 96 h - Pseudokircheneriella subcapitata -         12.2.       Persistence and degradability         No additional information available	Ecology	y - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
ErC50 (algae)       0.35 mg/l - 96 h - Pseudokircheneriella subcapitata -         12.2.       Persistence and degradability         No additional information available       12.3.         Bioaccumulative potential       No additional information available         12.4.       Mobility in soil         No additional information available       12.5.         Results of PBT and vPvB assessment         No additional information available         12.5.       Other adverse effects	SODI	JM AZIDE (1-15N, 98%+) (26628-22-8 (Ur	nlabeled))
12.2. Persistence and degradability         No additional information available         12.3. Bioaccumulative potential         No additional information available         12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment         No additional information available         12.6. Other adverse effects	LC50	fish 1	5.46 mg/l - 96 h - Pimephales promelas (fathead minnow) -
No additional information available          12.3.       Bioaccumulative potential         No additional information available         12.4.       Mobility in soil         No additional information available         12.5.       Results of PBT and vPvB assessment         No additional information available         12.6.       Other adverse effects	ErC50	(algae)	0.35 mg/l - 96 h - Pseudokircheneriella subcapitata -
No additional information available          12.3.       Bioaccumulative potential         No additional information available         12.4.       Mobility in soil         No additional information available         12.5.       Results of PBT and vPvB assessment         No additional information available         12.6.       Other adverse effects			
12.3. Bioaccumulative potential         No additional information available         12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment         No additional information available         12.6. Other adverse effects	12.2.	Persistence and degradability	
No additional information available          12.4.       Mobility in soil         No additional information available         12.5.       Results of PBT and vPvB assessment         No additional information available         12.6.       Other adverse effects	No add	tional information available	
12.4. Mobility in soil         No additional information available         12.5. Results of PBT and vPvB assessment         No additional information available         12.6. Other adverse effects	12.3.	Bioaccumulative potential	
No additional information available 12.5. Results of PBT and vPvB assessment No additional information available 12.6. Other adverse effects	No add	tional information available	
12.5.       Results of PBT and vPvB assessment         No additional information available         12.6.       Other adverse effects	12.4.	Mobility in soil	
No additional information available 12.6. Other adverse effects	No add	tional information available	
12.6. Other adverse effects	12.5.	Results of PBT and vPvB assessment	t de la constante de
	No add	tional information available	
No additional information available	12.6.	Other adverse effects	
	No add	tional information available	
20/07/2021 EN (English US)	20/07/20	21	EN (English US) 5.

95%; 15N, 95%) NEX-MBP2-CN

### 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

6, 2012 / Rules and Regulations	
SECTION 13: Disposal consideration	\$
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.
Product/Packaging disposal recommendations	: Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Ecology - waste materials	: Dispose of as unused product.
SECTION 14: Transport information	
n accordance with ADR / RID / IMDG / IATA / AD	DN
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 classified as dangerous in the meaning of transport regulations.
Overland transport	
No additional information available	
Transport by sea	
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 classified as dangerous in the meaning of transport regulations.
14.6. Transport in bulk according to Anne	x II of MARPOL 73/78 and the IBC Code
Not applicable	
SECTION 15: Regulatory information	
5.1. US Federal regulations	
WATER UNLABELED (7732-18-5)	
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.
SODIUM AZIDE (1-15N, 98%+) (26628-22-8 (U	nlabeled))
Listed on the United States SARA Section 302 Subject to reporting requirements of United Stat	es SARA Section 313
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard
SODIUM PHOSPHATE UNLABELED (7601-54	l-9)
SARA Section 302 Threshold Planning Quantity (TPQ)	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

95%; 15N, 95%) NEX-MBP2-CN

### 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

DEUTERIUM OXIDE (D, 99.9%) (7789-20-0)	
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

SODIUM AZIDE (1-15N, 98%+) (26628-22-8 (Unlabeled))
Listed on the Canadian DSL (Domestic Substances List)

#### 15.2.1. National regulations

No additional information available

15.3. US State regulations	
----------------------------	--

Ŭ				
		O-CLOSED (13C, 95%; 15N, 95	5%) <b>()</b>	
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		
WATER UNLABELED (77	732-18-5)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM AZIDE (1-15N, 9	98%+) (26628-22-8 (Unlabele	d))		
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
SODIUM PHOSPHATE U	NLABELED (7601-54-9)	•		
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
MALTOSE BINDING PRO	DTEIN (153131-94-3)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
MALTOTRIOSE (1109-28	-0)	1		1
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	No	No	No	
DEUTERIUM OXIDE (D, 9	99.9%) (7789-20-0)			
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity -	U.S California - Proposition 65 - Reproductive Toxicity -	No significant risk level (NSRL)

95%; 15N, 95%) NEX-MBP2-CN

### 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

DEUTERIUM OXIDE (D, 99.9	9%) (7789-20-0)			
		Female	Male	
No	No	No	No	
WATER UNLABELED (7732	_19_5\			
State or local regulations	-10-5)			
	ieht te Keenn) Liet			
U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List				
SODIUM AZIDE (1-15N, 98%	5+) (26628-22-8 (Unlabeled))			
State or local regulations				
U.S Massachusetts - Right To Know List				
U.S Pennsylvania - RTK (R	ight to Know) List	:-+		
U.S New Jersey - Right to r	Know Hazardous Substance L	IST		
SODIUM PHOSPHATE UNL	ABELED (7601-54-9)			
State or local regulations				
U.S Massachusetts - Right				
U.S New Jersey - Right to Know Hazardous Substance List				
U.S Pennsylvania - RTK (Right to Know) List				
MALTOSE BINDING PROTEIN (153131-94-3)				
State or local regulations				
U.S New Jersey - Right to Know Hazardous Substance List				
U.S Pennsylvania - RTK (Right to Know) List				
MALTOTRIOSE (1109-28-0)				
State or local regulations				
U.S Pennsylvania - RTK (Right to Know) List				
U.S New Jersey - Right to Know Hazardous Substance List				
DEUTERIUM OXIDE (D, 99.9	9%) (7789-20-0)			
State or local regulations				
U.S New Jersey - Right to Know Hazardous Substance List				
U.S Pennsylvania - RTK (R	U.S Pennsylvania - RTK (Right to Know) List			

### **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.

#### Full text of R-, H- and EUH-phrases:

Acute Tox. 1 (Dermal)	Acute toxicity (dermal) Category 1
Acute Tox. 1 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 1
Acute Tox. 2 (Oral)	Acute toxicity (oral) Category 2
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H300	Fatal if swallowed
H310	Fatal in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H373	May cause damage to organs through prolonged or repeated exposure
R20/21	Harmful by inhalation and in contact with skin
R22	Harmful if swallowed
R23	Toxic by inhalation

95%; 15N, 95%) NEX-MBP2-CN

### 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

R24/25	Toxic in contact with skin and if swallowed
R28	Very toxic if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin
R61	May cause harm to the unborn child
Т	Toxic
T+	Very toxic
Xi	Irritant
Xn	Harmful

NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	<ul> <li>O - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.</li> </ul>
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 Multi-Solvent Mixture 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