

## Product information sheet GNID/ GNID-CE

Substance	CAS No.	COSHH Summary
4MU	90-33-5	<b>IRRITANT</b> - R36/37/38 S26/36 EC201-986-7 Anex1-none chronic exposure-teratogen
7AMC	26093-31-2	<b>IRRITANT</b> R36/37/38 S26/36
Xylose	58-86-6	No EU classification could be found. This material has been classified as non hazardous (in house) based on- this material is a naturally occurring metabolite of xylitol breakdown and is a food grade material no adverse toxicological data could be found to suggest a hazard.
Trehalose	6138-23-4	EC number -none Anex1 number -none Not hazardous according to directive 67/548/EC
Raffinose	17629-30-0	Not hazardous according to directive 67/548/EC
Sorbitol	50-70-4	EC200-061-5 R99 not classified as hazardous according to EU directives
Sucrose	57-50-1	EC number 200-334-9 Not hazardous according to directive 67/548/EC
Cellobiose		No EU classification could be found. This material has been classified as non hazardous (in house) based on- this material is a naturally occurring metabolite of cellulose breakdown used in the food industry as a sweetener and no adverse toxicological information could be found
Maltose	6363-53-7	EC 200-716-5 not classified as dangerous according to EU directives
Mannitol	69-65-8	R99 Not classified as dangerous according to EU directives
Arabitol	488-82-4	No EU classification could be found – natural metabolite of sugar not thought to be hazardous
Fructose	57-48-7	EC200-333-3 R99 Not classified as dangerous according to EU directives
D- glucose	50-99-7	EC200-075-1 R99 Not classified as dangerous according to EU directives
Inositol	87-89-8	EC201-781-2 not classified as hazardous according to EU directives
Arabinose	5328-37-0	Ec226-214-6 not classified as hazardous under EU directives but may cause harm if ingested in large quantities and may irritate eyes(not applicable for this product usage).
Aesculin	531-75-9	EC208-517-5 Not classified as dangerous according to EU directives
Urea	57-13-6	R99 Not classified as dangerous according to EU directives
Agmatine	2482-00-0	EC 219-617-3 classified as non hazardous S22/24/25
Sodium citrate	6132-04-3	EC200-675-3 R99 Not classified as dangerous according to EU directives

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Sodium pyruvate	113-24-6	EC204-024-4 not hazardous according to directive 67/548/EC
L Tryptophan	93-22-3	Ec200-795-6 R99 Not classified as dangerous according to EU directives
L Ornathine	3184-13-2	EC221-678-6 not hazardous according to directive 67/548/EC
L Lysine	657-27-2	Ec211-519-9 R99 Not classified as dangerous according to EU directives
L Arginine	1119-34-2	EC214-275-1 Not classified as dangerous according to EU directives
NaCl	7647-14-5	Ec231-598-3 not classified as hazardous according 67/548/EC
Poly vinyl alcohol	9002-89-5	EC209-183-3 Not classified as hazardous
Potassium nitrate	7757-79-1	Ec231-818-8 R8 contact with combustible material may cause fire S16,41- NA this application and level used
Ferric citrate	28633-45-6	Ec249-117-0 No EU classification found but no hazards were identified
MgSO <sub>4</sub> 7H <sub>2</sub> O	100-34-99-8	EC231-298-2 not classified as hazardous according 67/548/EC
Disodium hydrogen orthophosphate	75558-79-4	EC231-448-7 not classified as hazardous according 67/548/EC
Potassium dihydrogen orthophosphate	7558-79-4	EC231-913-4 not classified as hazardous according 67/548/EC
Stabiliser		Not classified as hazardous according 67/548/EC
Peptone		Not classified as hazardous according 67/548/EC
Yeast extract		Not classified as hazardous according 67/548/EC
Pyrodoxal		Not classified as hazardous according 67/548/EC
α cyclodextrin	100016-20-3	R36 – irritating to eyes S26 – not applicable to this product and level of material use
Cresol red	62625-29-0	EC263-654-8 No EU classification found but no hazards were identified
Bromothymol blue	34722-90-2	EC252-169-7 caution No EU hazard cited but the substance is not fully tested
Lysine 7amc		Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu-β-D-galactoside	6160-78-7	Ec2281855 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu-α-L-arabinoside	69414-26-2	EC2739912 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product

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4mu-2-actamido-2deoxyglucoside	37067-30-4	Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu-phosphate	3368-04-5	EC222137 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu- $\alpha$ -D-glucoside	17833-43-1	EC2417940 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
Proline-7amc	115388-93-7	Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu- $\alpha$ -D-galactoside	38597-12-5	EC2540311 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
$\gamma$ -glutamine-7amc	72669-53-5	Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu bis phosphate	51379-07-8	EC2571659 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product
4mu- $\beta$ -D-glucronide	6160-80-1	EC2281860 Caution substance not fully tested, may cause skin/eye irritation : not considered hazardous at this level of use in this product

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