Kit components

Product code	Description
J3081	**Bio-Glo-NL™ Luciferase Assay System**

Components:

J308A	Bio-Glo-NL™ Luciferase Assay Buffer
J309A	Bio-Glo-NL™ Luciferase Assay Substrate

Safety data sheet
according to UK REACH

Printing date 17.04.2026 Version number 17.0 Revision: 17.04.2026

*
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Trade name: Bio-Glo-NL™ Luciferase Assay Buffer
Article number: J308A

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance / the preparation: Laboratory chemicals

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Promega Corporation
2800 Woods Hollow Road
Madison, WI 53711
U.S.A.
1-800-356-9526 or (608)-274-4330
SDS author: productstewardship@promega.com

Further information obtainable from:
Promega UK
2 Benham Road
Southampton Science Park
Chilworth Southampton
Hampshire SO16 7QJ
Tel: (44) 23 8076 0225
Fax: 0800 181 037
Freephone: 0800 378994
E-mail Address: ukcustserve@promega.com

1.4 Emergency telephone number:
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted). Within UK +(44)-870-8200418.

*
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
The product is not classified, according to the GB CLP regulation.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008 Not applicable
Hazard pictograms Not applicable
Signal word Not applicable
Hazard statements Not applicable
Additional information:
Safety data sheet available on request.

(Contd. on page 2)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 1)

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable

*
SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description:
The product is a mixture of the hazardous substances listed below along with unlisted nonhazardous substances.

Components:		
CAS: 127087-87-0 NLP: 500-315-8	Nonylphenol Ethoxylate Aquatic Acute 1, H400; Aquatic Chronic 2, H411	≥0.25-<1%

SVHC	
127087-87-0	Nonylphenol Ethoxylate

SECTION 4: First aid measures

4.1 Description of first aid measures
After inhalation: If the patient feels unwell or is concerned, obtain medical advice.
After skin contact: Generally the product does not irritate the skin.
After eye contact: Rinse opened eye for several minutes under running water.
After swallowing: If the patient feels unwell or is concerned, obtain medical advice.
4.2 Most important symptoms and effects, both acute and delayed
Dizziness
None
No further relevant information available.
4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents:
CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
5.2 Special hazards arising from the substance or mixture
None known
No further relevant information available.
5.3 Advice for firefighters No special advice.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Remove persons from danger area.
Wear protective clothing.
6.2 Environmental precautions:
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.

(Contd. on page 3)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 2)

6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 13 for disposal information.

*
SECTION 7: Handling and storage

7.1 Precautions for safe handling No special precautions are necessary if used correctly.
Information about fire - and explosion protection: The product is not flammable

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility: Not required
Further information about storage conditions: None.
7.3 Specific end use(s) No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Additional information about design of technical facilities: No further data; see section 7.
Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures Wash hands before breaks and at the end of work.
Respiratory protection: Not required
Protection of hands:
Select the glove material considering penetration time, rate of diffusion and degradation time.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Eye protection: Use equipment for eye protection tested and approved under government NIOSH standards.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Not determined
Odour threshold:	Not determined
pH-value at 20 °C:	6
Change in condition	
Melting point/freezing point:	0 °C
Initial boiling point and boiling range:	100 °C
Flash point:	Not applicable

(Contd. on page 4)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 3)

Flammability (solid, gaseous)	Not applicable
Decomposition temperature:	Not determined
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Vapour pressure:	Not determined
Density at 20 °C:	1.02 g/cm³
Relative density	Not determined
Vapour density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with	
Water:	Fully miscible
Partition coefficient: n-octanol/water:	Not determined
Viscosity:	
dynamic at 20 °C:	0.0952 mPas
kinematic:	Not determined
Solvent separation test	
Water:	95.1 %
Solids content:	4.4 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions No dangerous reactions known
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: No further relevant information available.
10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification: No data available
Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Additional toxicological information:
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.

(Contd. on page 5)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 4)

STOT-repeated exposure *Based on available data, the classification criteria are not met.*
Aspiration hazard *Based on available data, the classification criteria are not met.*

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: *Not harmful to the aquatic environment*
12.2 Persistence and degradability:
Not available
No further relevant information available.
12.3 Bioaccumulative potential
Not known
No further relevant information available.
12.4 Mobility in soil *No further relevant information available.*
Ecotoxical effects:
Remark: *Not available*
Additional ecological information:
General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
12.5 Results of PBT and vPvB assessment
PBT: *Not applicable*
vPvB: *Not applicable*
12.6 Other adverse effects *No further relevant information available.*

*
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Disposal should be in accordance with applicable regional, national and local laws and regulations.
Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal Protection for additional handling information and protection of employees.

Uncleaned packaging:
Recommendation: *Disposal must be made according to official regulations.*
Recommended cleansing agents: *Water, if necessary together with cleansing agents.*

SECTION 14: Transport information

14.1 UN-Number	*Not hazardous for transportation*
ADR, ADN, IMDG, IATA	*Not applicable*
14.2 UN proper shipping name	*None*
ADR, ADN, IMDG, IATA	*Not applicable*
14.3 Transport hazard class(es)	*None*
ADR, IMDG, IATA	
Class	*Not applicable*

(Contd. on page 6)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 5)

ADN	
ADN/R Class:	Not applicable Not regulated
14.4 Packing group	None
ADR, IMDG, IATA	Not applicable
14.5 Environmental hazards:	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation":	Not applicable

*
SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Poisons Act

Regulated explosives precursors
None of the ingredients is listed.

Regulated poisons
None of the ingredients is listed.

Reportable explosives precursors
None of the ingredients is listed.

Reportable poisons
None of the ingredients is listed.

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

LIST OF SUBSTANCES SUBJECT TO AUTHORISATION (UK ANNEX XIV)		
127087-87-0	Nonylphenol Ethoxylate	Sunset date: 2021-01-04

Classification according to VbF: Not applicable

Class	Share in %
Wasser	95.1
I	0.3

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.
Other regulations, limitations and prohibitive regulations

Substances of very high concern (SVHC) according to UK REACH	
127087-87-0	Nonylphenol Ethoxylate

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

*
SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(Contd. on page 7)

Safety data sheet
according to UK REACH

Printing date 17.04.2026 *Version number 17.0* *Revision: 17.04.2026*

Trade name: Bio-Glo-NL™ Luciferase Assay Buffer

(Contd. of page 6)

Relevant phrases
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Department issuing SDS:
Promega Corporation
Product Stewardship
2800 Woods Hollow Road
Madison, WI 53711
U.S.A.

Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Safety data sheet
according to UK REACH

Printing date 17.04.2026 Version number 19.0 Revision: 17.04.2026

*
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Trade name: Bio-Glo-NL™ Luciferase Assay Substrate
Article number: J309A

1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
Application of the substance / the preparation: Laboratory chemicals

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Promega Corporation
2800 Woods Hollow Road
Madison, WI 53711
U.S.A.
1-800-356-9526 or (608)-274-4330
SDS author: productstewardship@promega.com

Further information obtainable from:
Promega UK
2 Benham Road
Southampton Science Park
Chilworth Southampton
Hampshire SO16 7QJ
Tel: (44) 23 8076 0225
Fax: 0800 181 037
Freephone: 0800 378994
E-mail Address: ukcustserve@promega.com

1.4 Emergency telephone number:
For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300
Outside USA and Canada: +1 703-527-3887 (collect calls accepted). Within UK +(44)-870-8200418.

*
SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

2.2 Label elements
Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.

(Contd. on page 2)

Safety data sheet
according to UK REACH

Printing date 17.04.2026 *Version number 19.0* *Revision: 17.04.2026*

Trade name: Bio-Glo-NL™ Luciferase Assay Substrate

(Contd. of page 1)

Hazard pictograms



GHS02

Signal word *Danger*
Hazard statements
H225 Highly flammable liquid and vapour.
Precautionary statements
P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
P243 Take action to prevent static discharges.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
2.3 Other hazards
Results of PBT and vPvB assessment
PBT: *Not applicable*
vPvB: *Not applicable*

*
SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description:
The product is a mixture of the hazardous substances listed below along with unlisted nonhazardous substances.

Components:			
CAS: 64-17-5 *EINECS: 200-578-6* *Reg.nr.: 01-2119457610-43-0490*	*ethanol*	*Flam. Liq. 2, H225*	*75-100%*

*
SECTION 4: First aid measures

4.1 Description of first aid measures
General information: *Immediately remove any clothing soiled by the product.*
After inhalation: *If the patient feels unwell or is concerned, obtain medical advice.*
After skin contact: *Generally the product does not irritate the skin.*
After eye contact: *Rinse opened eye for several minutes under running water.*
After swallowing: *If the patient feels unwell or is concerned, obtain medical advice.*
4.2 Most important symptoms and effects, both acute and delayed
Headache
Dizziness
Nausea
4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

(Contd. on page 3)

Safety data sheet
according to UK REACH

(Contd. of page 2)

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.
5.2 Special hazards arising from the substance or mixture
None known
No further relevant information available.
5.3 Advice for firefighters In the case of fire, wear respiratory protective equipment and chemical protective suit.

*
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Remove persons from danger area.
Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources
Wear protective clothing.
6.2 Environmental precautions:
Prevent seepage into sewage system, workpits and cellars.
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
6.3 Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to Section 13.
Ensure adequate ventilation.
6.4 Reference to other sections
See Section 7 for information on safe handling
See Section 13 for disposal information.

*
SECTION 7: Handling and storage

7.1 Precautions for safe handling Use only in well ventilated areas.
Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles: Store in a cool location.
Information about storage in one common storage facility: Not required
Further information about storage conditions:
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
7.3 Specific end use(s) No further relevant information available.

*
SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:	
64-17-5 ethanol	
WEL	Long-term value: 1920 mg/m³, 1000 ppm

(Contd. on page 4)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Substrate

(Contd. of page 3)

Additional information: *The lists valid during the making were used as basis.*

8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Respiratory protection: *Not required*
Protection of hands:
Select the glove material considering penetration time, rate of diffusion and degradation time.
Eye protection:
Safety glasses
Use equipment for eye protection tested and approved under government NIOSH standards.

*
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	*Fluid*
Colour:	*Yellow-brown*
Odour:	*Not determined*
Odour threshold:	*Not determined*
Change in condition	
Melting point/freezing point:	*undetermined*
Initial boiling point and boiling range:	*78 °C*
Flash point:	*13 °C*
Flammability (solid, gaseous)	*Highly flammable.*
Auto-ignition temperature:	*400 °C*
Decomposition temperature:	*Not determined*
Ignition temperature:	*Product is not selfigniting.*
Explosive properties:	*Product does not present an explosion hazard. Product is not explosive. However, formation of explosive air/vapour mixtures are possible.*
Explosion limits:	
Lower:	*3.5 Vol %*
Upper:	*15 Vol %*
Vapour pressure at 20 °C:	*59 hPa*
Vapour pressure at 50 °C:	*280 hPa*
Density at 20 °C:	*0.853 g/cm³*
Relative density	*Not determined*
Vapour density	*Not determined*
Evaporation rate	*Not determined*
Solubility in / Miscibility with	
Water:	*Fully miscible*
Partition coefficient: n-octanol/water:	*Not determined*
Viscosity:	
dynamic:	*Not determined*
kinematic:	*Not determined*

(Contd. on page 5)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Substrate

(Contd. of page 4)

Solvent separation test	
Organic solvents:	99.8 %
Solids content:	0.2 %
9.2 Other information	Physical and chemical properties above that have not been tested are based on pure ethanol.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability
Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions No dangerous reactions known
10.4 Conditions to avoid No further relevant information available.
10.5 Incompatible materials: Oxidizing agents
10.6 Hazardous decomposition products: No dangerous decomposition products known

*
SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification: No data available
Primary irritant effect:
Skin corrosion/irritation Based on available data, the classification criteria are not met.
Serious eye damage/irritation Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Additional toxicological information:
CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure Based on available data, the classification criteria are not met.
Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: Not harmful to the aquatic environment
12.2 Persistence and degradability:
Not available
No further relevant information available.
12.3 Bioaccumulative potential
Not known
No further relevant information available.
12.4 Mobility in soil No further relevant information available.
Ecotoxical effects:
Remark: Not available

(Contd. on page 6)

Safety data sheet
according to UK REACH

Trade name: Bio-Glo-NL™ Luciferase Assay Substrate

(Contd. of page 5)

12.5 Results of PBT and vPvB assessment
PBT: Not applicable
vPvB: Not applicable
12.6 Other adverse effects No further relevant information available.

*
SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Disposal should be in accordance with applicable regional, national and local laws and regulations.
Refer to Section 7: Handling and Storage and Section 8: Exposure Control/Personal Protection for additional handling information and protection of employees.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.
Recommended cleansing agents: Water, if necessary together with cleansing agents.

*
SECTION 14: Transport information

14.1 UN-Number	
ADR, IMDG, IATA	UN1170
14.2 UN proper shipping name	
ADR	1170 ETHANOL (ETHYL ALCOHOL) mixture
IMDG	ETHANOL (ETHYL ALCOHOL) mixture
IATA	ETHANOL mixture
14.3 Transport hazard class(es)	
ADR	



Class	3 (F1) Flammable liquids.
Label	3
IMDG, IATA	



Class	3 Flammable liquids.
Label	3
14.4 Packing group	
ADR, IMDG, IATA	II
14.5 Environmental hazards:	Not applicable
14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	33
EMS Number:	F-E,S-D

(Contd. on page 7)

Safety data sheet
according to UK REACH

(Contd. of page 6)

Stowage Category	A
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
Transport category	2
Tunnel restriction code	D/E
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN 1170 ETHANOL (ETHYL ALCOHOL) MIXTURE, 3, II

*

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Poisons Act

Regulated explosives precursors
None of the ingredients is listed.

Regulated poisons
None of the ingredients is listed.

Reportable explosives precursors
None of the ingredients is listed.

Reportable poisons
None of the ingredients is listed.

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
Seveso category P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

Classification according to VbF: B

Class	Share in %
NK	99.8

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

(Contd. on page 8)

Safety data sheet
according to UK REACH

(Contd. of page 7)

*
SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H225 Highly flammable liquid and vapour.

Department issuing SDS:
Promega Corporation
Product Stewardship
2800 Woods Hollow Road
Madison, WI 53711
U.S.A.

Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VbF: Verordnung über brennbare Flüssigkeiten, Österreich (Ordinance on the storage of combustible liquids, Austria)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Liq. 2: Flammable liquids – Category 2