

Safety Data Sheet

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

Identification of the substance or mixture

Product codes
Product names

REF	Product Name	REF	Product Name	REF	Product Name	REF	Product Name
211140	QTRACE® INDEL Assay 102	211154	QTRACE® INDEL Assay 472	211168	QTRACE® INDEL Assay 795	211087	QTRACE® HLA Assay H025
211141	QTRACE® INDEL Assay 113	211155	QTRACE® INDEL Assay 482	211169	QTRACE® INDEL Assay 874	211088	QTRACE® HLA Assay H028
211142	QTRACE® INDEL Assay 120	211156	QTRACE® INDEL Assay 493	211170	QTRACE® INDEL Assay 884	211093	QTRACE® HLA Assay H039
211144	QTRACE® INDEL Assay 176	211157	QTRACE® INDEL Assay 555	211172	QTRACE® INDEL Assay 923	211094	QTRACE® HLA Assay H041
211145	QTRACE® INDEL Assay 183	211158	QTRACE® INDEL Assay 567	211173	QTRACE® INDEL Assay 936	211095	QTRACE® HLA Assay H043
211146	QTRACE® INDEL Assay 198	211159	QTRACE® INDEL Assay 574	211175	QTRACE® INDEL Assay 971	211096	QTRACE® HLA Assay H045
211147	QTRACE® INDEL Assay 222	211160	QTRACE® INDEL Assay 585	211176	QTRACE® INDEL Assay 987	211098	QTRACE® HLA Assay H051
211148	QTRACE® INDEL Assay 252	211161	QTRACE® INDEL Assay 597	211177	QTRACE® INDEL Assay 990	211099	QTRACE® HLA Assay H052
211149	QTRACE® INDEL Assay 275	211162	QTRACE® INDEL Assay 663	211078	QTRACE® HLA Assay H005	211100	QTRACE® HLA Assay H053
211150	QTRACE® INDEL Assay 333	211164	QTRACE® INDEL Assay 678	211080	QTRACE® HLA Assay H007	211101	QTRACE® HLA Assay H054
211151	QTRACE® INDEL Assay 396	211165	QTRACE® INDEL Assay 681	211081	QTRACE® HLA Assay H009	211132	QTRACE® HLA Assay H101
211152	QTRACE® INDEL Assay 441	211166	QTRACE® INDEL Assay 694	211083	QTRACE® HLA Assay H017	211133	QTRACE® HLA Assay H102
211153	QTRACE® INDEL Assay 450	211167	QTRACE® INDEL Assay 777	211130	QTRACE® HLA Assay H020	211134	QTRACE® HLA Assay H103

Company/undertaking identification

JETA Molecular BV
Krommewetering 101C
3543AN, Utrecht
Netherlands

e-mail address : info@jetabv.com

Country Specific Emergency Number (if available):

Call your local emergency center. In EU: dial 112, USA and Canada: dial 911,
Australia dial 000 or 112 and ask for Poison information

For research use only. Not for use in diagnostic procedures

SECTION 2: Hazards identification**GHS - Classification**

Not a hazardous substance or mixture according to latest editions of the EU-lists, and extended
by company and literature data

Signal Word

None

Hazard pictograms

None

Health hazards

Not Hazardous

Physical hazards

Not Hazardous

Environmental hazards

Not Hazardous

Hazard Statements

Not Applicable

Precautionary Statements**Prevention**

Not Applicable

Response

Not Applicable

Storage

Not Applicable

Disposal

Not Applicable

Other hazards

Not Applicable

HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3: Composition/information on ingredients

Component	CAS-No	EINECS-No	Weight
Sequence Specific, No hazardous substances in reportable quantities Non-animal origin of starting materials.			

SECTION 4: First aid

Description of first aid measures

Skin contact	Rinse with plenty of water . Immediate medical attention is not required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Inhalation	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

Most important symptoms and effects, both acute and delayed

Not Applicable

Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Foam. Dry chemical.

Water spray. Carbon dioxide (CO₂).

Unsuitable extinguishing media

No information available.

Special hazards arising from the substance or mixture

Not known

Advice for fire-fighters

Standard procedure for chemical fires

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Always wear recommended Personal Protective Equipment. Use personal protection equipment

See Section 8 for more detail.

Environmental precautions

No special environmental precautions required.

Methods and material for containment and cleaning up

Soak up with inert absorbent material.

Reference to other sections

See section 8 for more information.

SECTION 7: Handling an Storage

Precautions for safe handling

Use personal protective equipment as required. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Keep in a dry, cool and well-ventilated place. Keep in properly labeled containers.

Specific end use(s)

For research use only. Not for use in diagnostic procedures

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Limits

Contains no substances with occupational exposure limit values.

Chemical Name	OSHA PEL	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Exposure controls

Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.

Hand protection

Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.

Eye protection

Tight sealing safety goggles.

Skin and Body Protection

Wear suitable protective clothing.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

No special environmental precautions required.

SECTION 9: Physical and chemical

Information on basic physical and chemical properties

Appearance	Colorless, liquid	
Odor	No data available	
Melting point / melting range	°C Mixture has not been tested	°F Mixture has not been tested
Boiling point / boiling range	°C Mixture has not been tested	°F Mixture has not been tested
Flash point	°C Mixture has not been tested	°F Mixture has not been tested
Autoignition Temperature	°C Mixture has not been tested	°F Mixture has not been tested
Decomposition temperature	°C Mixture has not been tested	°F Mixture has not been tested
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Upper explosion limit	Mixture has not been tested	
Lower explosion limit	Mixture has not been tested	
Vapor Pressure	Mixture has not been tested	
Relative density	Mixture has not been tested	
Specific gravity	No data available	
Solubility	No data available	
Partition coefficient: n-octanol/water	No data available	
Explosive properties	Mixture has not been tested	

Other information

No data available.

SECTION 10: Stability and reactivity

Reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Hazardous reaction has not been reported.
Conditions to avoid	No information available.
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available.

SECTION 11: Toxicological

Information on toxicological effects

There is no evidence available indicating acute toxicity.

Chemical Name	LD50 (oral, rat/mouse)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat/mouse)

Principal Routes of Exposure

Irritation	Conclusive but not sufficient for classification
Corrosivity	Conclusive but not sufficient for classification
Sensitization	Conclusive but not sufficient for classification
STOT - Single Exposure	Conclusive but not sufficient for classification
STOT - Repeated Exposure	Conclusive but not sufficient for classification
Carcinogenicity	Conclusive but not sufficient for classification
Mutagenicity	Conclusive but not sufficient for classification
Reproductive toxicity	Conclusive but not sufficient for classification
Aspiration hazard	Conclusive but not sufficient for classification

SECTION 12: Ecological information

Toxicity

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

Chemical Name	Freshwater Algae Data	Water Flea Data	Freshwater Fish Species Data	Microtox Data	log Pow

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other adverse effects No information available.

SECTION 13: Disposal

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in accordance with approved disposal technique. Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport information

IATA / ADR / DOT-US / IMDG

Not regulated in the meaning of transport regulations.

UN number	Not Applicable
UN proper shipping name	Not Applicable
Transport hazard class(es)	Not Applicable
Packing group	Not Applicable

Environmental hazards

Not Applicable

Special precautions for user

Not Applicable

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

Not Applicable.

SECTION 15: Regulatory

Component	US TSCA

US Federal Regulations

SARA 313

This product is not regulated by SARA.

Chemical Name

CAS-No

Weight %

SARA 313 - Threshold
Values

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class

Non-controlled

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

SECTION 16: Other information

Reason for revision	New Document
Revision number	1
Revision date	24 May 2020

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References

- ECHA: <http://echa.europa.eu/>
- TOXNET: <http://toxnet.nlm.nih.gov/>
- eChemPortal: <http://www.echemportal.org/>
- LOLI database: <https://www.chemadvisor.com/loli-database>

Revision date 24 May 2020
Product code Multiple

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Product name Oligonucleotide Mixtures

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE"

End of Safety Data Sheet