

Product Regulatory Information Document

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

Trade name : TRIGONOX 263 RED
 Pure substance/mixture : Mixture
 Use of the Substance/Mixture : Specific use(s): Curing agent

Company : Nouryon, Technology Solutions, Polymer Catalysts

General statement

The Company hereby certifies that the product can be lawfully used for the use(s) identified in this declaration within the limits set-up in the disclaimer that can be found at the end of the document. It is therefore advised to read the disclaimer carefully.

The present declaration must be read in conjunction with the Safety Data Sheet of the product which is the primary source of documentation, providing basic information about the properties, hazards, how to use the product safely and what to do in case of emergency.

Special substances of concern

Substance / Component	Concentration	Remarks
Sb: antimony		Not intentionally added., Not expected.
As: Arsenic		Not intentionally added., Not expected.
Ba: Barium		Not intentionally added., Not expected.
Be: Beryllium		Not intentionally added., Not expected.
Cd: cadmium		Not intentionally added., Not expected.
Cr: chromium		Not intentionally added., Not expected.
Co: Cobalt		Not intentionally added., Not expected.
Cu: Copper		Not intentionally added., Not expected.
Pb: Lead		Not intentionally added., Not expected.
Mn: Manganese		Not intentionally added., Not expected.
Hg: Mercury		Not intentionally added., Not expected.
Mo: Molybdenum		Not intentionally added., Not expected.
Ni: Nickel		Not intentionally added., Not expected.
Se: selenium		Not intentionally added., Not expected.
Ag: Silver		Not intentionally added., Not expected.
Te: Tellurium		Not intentionally added., Not expected.
Tl: Thallium		Not intentionally added., Not expected.
Sn: Tin		Not intentionally added., Not expected.
V: Vanadium		Not intentionally added., Not expected.

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

Zn: Zinc		Not intentionally added., Not expected.
Adsorbed organic bound halogens (AOX)		Not intentionally added., Not expected.
Alkylphenol and alkylphenol ethoxylates		Not intentionally added., Not expected.
Amines, aromatic		Not intentionally added., Not expected.
Bisphenol		Not intentionally added., Not expected.
Butylated hydroxytoluene (BHT)		Not intentionally added., Not expected.
Dioxane		Not intentionally added., Not expected.
Dioxins		Not intentionally added., Not expected.
Dye and pigments		Present
EDTA and salts thereof		Not intentionally added., Not expected.
Formaldehyde releasing substances		Not intentionally added., Not expected.
Free Ethylene oxide		Not intentionally added., Not expected.
Free Propylene oxide		Not intentionally added., Not expected.
Genetically modified organisms (GMO)		Not intentionally added., Not expected.
Isothiazoline(s)		Not intentionally added., Not expected.
Neutralising agent		Not intentionally added., Not expected.
Nonylphenol		Not intentionally added., Not expected.
Nonylphenol Ethoxylate		Not intentionally added., Not expected.
Pesticides.		Not intentionally added., Not expected.
Phenol		Not intentionally added., Not expected.
Phthalates		Not intentionally added., Not expected.
Polybrominated biphenyl (PBB)		Not intentionally added., Not expected.
Polybrominated biphenyl ether (PBDE)		Not intentionally added., Not expected.
Polychlorinated biphenyl or Polychlorinated triphenyls (PCB or PCT)		Not intentionally added., Not expected.
Perfluorinated chemicals (PFCS)		Not intentionally added., Not expected.
Polycyclic aromatic hydrocarbons (PAHs)		Not intentionally added., Not expected.
Residual solvents		Not intentionally added., Not expected.
Volatile organic compounds (VOC)	0,5 - 5 %	
Organic tin		Not intentionally added., Not expected.
Other halogenated compounds		Not intentionally added., Not expected.
Biocide		Not intentionally added., Not expected.
Brominated flame retardant		Not intentionally added., Not expected.
Materials derived from animal origin		Not intentionally added., Not expected.
Materials derived from plant origin		Not intentionally added., Not expected.
Aluminum		Not intentionally added., Not expected.
Toluene		Not intentionally added., Not expected.
Xylene		Not intentionally added., Not expected.
Benzene		Not intentionally added., Not expected.
Sulphites		Not intentionally added., Not expected.
Endocrine disruptor		Not intentionally added., Not expected.

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

Allergens (celery, crustaceans, eggs, fish, gluten, milk, peanuts, sesame seeds, soy beans, tree nuts, wheat)	Not intentionally added., Not expected.
---	---

Carcinogenicity (advisory bodies)

IARC	: Group 2B: Possibly carcinogenic to humans Cumene	98-82-8
OSHA	: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.	
NTP	: Reasonably anticipated to be a human carcinogen Cumene	98-82-8

Regulatory information

EU	OSPAR List of Substances of Possible Concern	Compliant
EU	Directive 1999/13/EC on the limitation of emissions of volatile organic compounds	Banned and/or restricted
EU	EU Directive 94/62/EC and its amending Directive 2004/12/EC on packaging and packaging waste	Compliant.
EU	EU Directive 2011/65/EU RoHS2 Restriction of Hazardous Substances in Electrical and Electronic Equipment	Compliant.
EU	EU SVHC - REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	Not applicable
EU	EU Directive 2009/48/EC on the safety of toys	Compliant.
EU	EU REACH - Annex XIV - REACH - List of substances subject to authorisation (Annex XIV)	Not applicable
EU	EC 1005/2009 - Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	Not applicable
EU	EU POP - Regulation (EC) No 850/2004 on persistent organic pollutants	Not applicable
EU	EU Regulation (EC) No 1223/2009 on cosmetic products	Not applicable
EU	EU - Council Regulation (EC) No 1334/2000 on control of exports of dual-use items and technology	Not applicable
EU	EU Regulation (EC) No 273/2004 on drug precursors	Not applicable
EU	Directive 2012/19/EC (WEEE)	Not applicable
EU	EU - Cosmetic Directive 76/768/EC	Not applicable
EU	EU Directive 2000/53/EC and its amending Directive 2008/33/EC on End-of-Life Vehicles (ELV)	Compliant
EU	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)	Number: 3 Further information: See Annex XVII to Regulation (EC) no 1907/2006 for Conditions of restriction
EU	EU PIC - Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals	Not applicable
US	US MA RTK - Massachusetts Right to Know List of Chemicals and Hazard Classifications	Listed
REG_WORLD	Switzerland. VOC Ordinance, Annex II (Products)	listed on the Swiss VOC Annex II

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

US	US. CONEG: Coalition of Northeastern Governors	Compliant.
US	US NJ RTK - New Jersey Right to Know Hazardous Substance List (RTK-HSL)	Listed
US	US PA RTK - Pennsylvania: Hazardous substance list	Listed
REG_WORLD	Global Automotive Declarable Substance List (GADSL)	Compliant.
US	DEA - US. Drug Enforcement Administration (DEA) Listed Precursor and Essential Chemicals (21 CFR 1310)	Not applicable
US	Minnesota Hazardous Substance	Listed
US	Rhode Island Hazardous Substances	Listed
BR	BR DPF - Brazil. List of chemicals controlled by the Federal Police	Banned and/or restricted
REG_WORLD	CWC - International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	Not applicable
PH	Priority Chemical List (PCL)	Not applicable
CN	Chinese RoHS Regulations	Not applicable
PH	Chemical Control Order (CCO)	Not applicable
JP	Japanese RoHS Regulations	Not applicable
SG	Environmental Protection and Management Act and Environmental Protection and Management (Hazardous Substances) Regulations	Banned and/or restricted
REG_WORLD	Safety of Toys, Norm EN 71-3, 2013	Not applicable
ID	ID HAZHEA - Indonesia. Regulation of the Ministry of Health No. 472 of 1996 on the safeguarding of substances hazardous to health.	Not applicable
ID	Prohibited substances	Not applicable
REG_WORLD	Classified as dual use (ECN/ECCN 1C350)	Not applicable
ID	Restricted substances	Not applicable
ID	Hazardous substances approved for use	Banned and/or restricted
ID	Types of Hazardous Materials of which the Distribution and Supervision is Regulated	Not applicable
ID	Types of Hazardous Materials governed by Import Regulations	Not applicable
TH	TH HAZSUB - Hazardous Substance Act	Banned and/or restricted
TH	Emergency Decree on Controlling the Use of Volatile Substances	Not applicable
AU	Prohibition/Licensing Requirements	There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.
CL	CL DRUG - Decree 1358 - Establishment of rules governing the control measures of precursors and essential chemicals.	Not applicable
AR	AR DRUG - Control of precursors and essential chemicals for the preparation of drugs.	Banned and/or restricted
EC	EC DRUG - Organic Law on Integral Prevention of	Banned and/or restricted

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

	Social and Economic Phenomenon of Drugs and of Regulation and Use Control of Listed Substances subject to Monitoring	
VE	VE DRUG - Drug Law - Controlled Chemicals	Banned and/or restricted
PE	PE DRUG - Control Act of precursor chemicals and controlled products.	Banned and/or restricted
PA	PA DRUG - List of Precursors and Controlled Chemicals.	Banned and/or restricted
MX	MX DRUG - Federal Law for the control of chemical precursors, essential chemical products and machinery for producing capsules, tablets and pills.	Banned and/or restricted
UY	UY DRUG - Decree 391-2002 Regulation for Precursors and Chemicals.	Banned and/or restricted
CR	CR DRUG - Law on Narcotics, Psychotropic Substances, Drugs of Unauthorized Use, Money-Laundering and Related Activities.	Banned and/or restricted
CO	CO DRUG - Regulations controlling the importation, manufacture, sale, distribution, transport and use of substances that may be used for the processing of addictive drugs.	Banned and/or restricted
SV	SV DRUGP - List of Medicines and Controlled Substances - Precursors and Chemical Substances Frequently Used for Illicit Production of Narcotics and Psychotropic Substances Subject to Control.	Banned and/or restricted
JP	JP NPCL - Narcotic or Psychotropic Raw Material (Export / Import Permission)	Not applicable
JP	JP SNPCL - Specific Narcotic or Psychotropic Raw Material (Export / Import permission)	Not applicable
CN	Hazardous Chemicals for Priority Management under SAWS	Not applicable
CN	China Severely Restricted Toxic Chemicals for Import and Export	Not applicable
CN	CN HAZCHEM - Catalogue of Hazardous Chemicals	Listed
SG	SG PetrFlamMat - Fire Safety (Petroleum and Flammable Materials) Regulations	Not applicable
TR	KKDIK (30105 (Bis)) - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex 17)	Number: 3 Further information: See Annex 17 to KKDIK Regulation No.30105 (Bis) (23.06.2017) for Conditions of restriction
RS	Rule book on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals (State Gazette, Nr. 90/2013, 25/2015, 2/2016, 44/2017, 36/2018, 9/2020)(Annex 1)	Number: 3 Further information: See the Rule book on Bans and Restrictions of Production, Placing on the Market and Use of Chemicals (State Gazette, Nr. 90/2013, 25/2015, 2/2016,44/2017, 36/2018)(Annex 1) for Conditions of restriction

Regulatory Registrations and Certifications

Halal : No certificate in place.
Kosher : No certificate in place.

Information about other regulations

Other regulatory information Australia

Standard for the Uniform : Schedule 6
Scheduling of Medicines and
Poisons

Other regulatory information Canada

Canadian lists

Canadian Environmental : Acetophenone 98-86-2
Protection Act - National Cumyl hydroperoxide 80-15-9
Pollutant Release Inventory Methyl ethyl ketone 78-93-3
Canada. CEPA 1999 : No substances are subject to a Significant New Activity
Significant New Activity Notification.
(SNAc) List

Other regulatory information China

Regulations on Safety Management of Hazardous Chemicals

Catalogue of Hazardous Chemicals : Listed

Identification of Major Hazard Installations for Hazardous Chemicals (GB 18218)

Category	Threshold quantity
Organic peroxides	50 t

Other regulatory information European Union

Water contaminating class : WGK 2 obviously hazardous to water
(Germany) Classification according to AwSV, Annex 1 (5.2)

Seveso III: Directive 2012/18/EU of the P6b SELF-REACTIVE SUBSTANCES
European Parliament and of the Council on the AND MIXTURES and ORGANIC
control of major-accident hazards involving PEROXIDES
dangerous substances.

E2 ENVIRONMENTAL HAZARDS

TA Luft List (Germany) :

- Total dust: Not applicable
- Inorganic substances in powdered form: Not applicable
- Inorganic substances in vapour or gaseous form: Not applicable
- Organic Substances: Not applicable
- Carcinogenic substances: Not applicable
- Mutagenic: Not applicable
- Toxic to reproduction: Not applicable

Volatile organic compounds : US. Clean Air Act Section 111 SOCM I Intermediate or Final
Volatile Organic Compounds (VOC) - 40 CFR part 60.489

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

40 CFR 51.100(s) - Definition - Volatile Organic Compounds (VOC) Exemptions

This product does not contain any VOC exemptions listed under the U.S. Clean Air Act Section 450.

Other regulatory information Japan

Chemical Substance Control Law

Priority Assessment Chemical Substance

Chemical name	Number
Methyl ethyl ketone	115
hydrogen peroxide	89

Other regulatory information United States of America (USA)

TSCA list

- TSCA 5(a)(2) : No substances are subject to a Significant New Use Rule.
TSCA 12(b) : No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA

Components	CAS-No.	Component RQ (lbs)
Cumyl hydroperoxide	80-15-9	10 lbs
Methyl ethyl ketone	78-93-3	5000 lbs
Methyl ethyl ketone	78-93-3	100 lbs
Methyl ethyl ketone	78-93-3	5000 lbs
Methyl ethyl ketone	78-93-3	100 lbs

SARA 304

Components	CAS-No.	Component RQ (lbs)
Hydrogen peroxide solution	7722-84-1	1000 lbs

- SARA 311/312** : Organic peroxides
Acute toxicity (any route of exposure)
Skin corrosion or irritation
Serious eye damage or eye irritation
Reproductive toxicity
Specific target organ toxicity (single or repeated exposure)

- SARA 302** : This material does not contain any components with a section 302 EHS TPQ.

- SARA 313** : The following components are subject to reporting levels established by SARA Title III, Section 313:
Cumyl hydroperoxide 80-15-9 23 - 28 %

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

This product does not contain any chemicals subject to disclosure and listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM I Intermediate or Final VOC's (40 CFR 60.489):

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

Cumyl hydroperoxide

80-15-9 23 - 28 %

Clean Water Act

This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.

This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

California Prop. 65



WARNING:

This product can expose you to chemicals including Cumene, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

List of Abbreviations

ACGIH	:	American Conference of Governmental Industrial Hygienists
CFR	:	Code of Federal Regulations
CMR	:	Carcinogenic Mutagenic and Reprotoxic
DID	:	Detergent Ingredient Database
EDTA	:	Ethylenediaminetetraacetic acid
EPA	:	Environmental Protection Agency
EU	:	European Union
IARC	:	International Agency for Research on Cancer
NTP	:	National Toxicology Program
OSHA	:	Occupational Safety and Health Administration
PFAS	:	Perfluoroalkyl sulfonate
PFCA	:	Perfluorocarboxylic acid
PFOA	:	Perfluorooctanoic acid
PFOS	:	Perfluorooctane sulfonate
REACH	:	Registration, Evaluation, Authorization and restriction of Chemicals
RoHS	:	Restriction of Hazardous Substances
SVHC	:	Substances of Very High Concern

Not Applicable : The product, and the substances within at the present concentrations, either does not fall under the limitations/requirements within the applicable statute for the regulation or the regulation is not applicable for the product and its application.

AR Argentina	AT Austria	BE Belgium	BR Brazil
CA Canada	CH Switzerland	CL Chile	CO Colombia
CR Costa Rica	DE Germany	DK Denmark	EC Ecuador
ES Spain	EU European Union	FI Finland	FR France
GB United Kingdom	ID Indonesia	IN India	IT Italy
JP Japan	MX Mexico	NL The Netherlands	PA Panama
PE Peru	PH Philippines	REG WORLD World	SE Sweden
SG Singapore	SV El Salvador	TH Thailand	TR Turkey
US USA	UY Uruguay	VE Venezuela	VN Vietnam

.....
The information provided in this document is based upon data that Company believes to be accurate and reliable. It is subject to revision as additional knowledge and experience becomes available. Company does not guarantee results and assumes no obligation or liability in connection with this information. Any information given in this document does not constitute any warranty of merchantability or fitness for a

TRIGONOX 263 RED

Version 2.0

Revision Date 23.03.2021

Print Date 23.03.2021

REG_WORLD / EN

particular use. It is the user's responsibility to inspect and to test our products in order to satisfy themselves as to suitability to the products to their particular purpose.

The information contained herein relates to our products when not used in conjunction with any third party materials. Company will not accept any liability with respect to the use of its products in conjunction with other materials. The information related to the composition of the product does not constitute a quality specification.