



Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
First edition: 14/07/2008 Last revision: 21/12/2022 Supersedes version of: 29/07/2019 Version: 7.1

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

1.1. Product identifier

Product form : Mixture

Name : Inno-Lock Strong
Product number : 01.0605.0755

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use

Use of the substance or preparation : Inno-Lock is an anaerobic thread locker developed in accordance with the latest

technology in this field and deliverable in three different strengths: Medium, Strong and Extra Strong.Inno-Lock Extra Strong is an extra strong locking compound for stud bolts,

permanent thread linkages and many tight fitting situations.

1.2.2. Uses advised against

No information available

1.3. Details of the supplier of the safety data sheet

PCS Innotec International NV

Schans 4

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Distributor:

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UK - SP2 7GL Salisbury, Wiltshire

T.: +44 (0)1722411744 F.: +44 (0)1722411788 info@innotecworld.com

1.4. Emergency telephone number

24h/24h (Telephone advice: English, French, German, Dutch):

BIG: +32 (0) 14 58 45 45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) no 1272/2008 (CLP)

 Eye Irrit. 2
 H319

 Skin Sens. 1
 H317

Full text of hazard classes, H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

No information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



GHS07

Signal word (CLP) : Warning

Contains : Maleic acid; 1-acetyl-2-phenylhydrazine; Methacrylic acid, propane-1,2-diol mono-ester

Hazard statements (CLP) : H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

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Precautionary statements (CLP) : P261 - Avoid breathing vapours.

P280 - Wear protective gloves, protective clothing, eye protection, face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures			
Name	Product identifier	%	Classification according to Regulation (EC) no 1272/2008 (CLP)
Methacrylic acid, propane-1,2-diol mono-ester	CAS number: 27813-02-1 EINECS / ELINCS number: 248-666-3	25 – 50	Eye Irrit. 2, H319 Skin Sens. 1, H317
bisphenol A ethoxylate dimethacrylate	CAS number: 41637-38-1 EINECS / ELINCS number: 609-946-4	10 – 25	Aquatic Chronic 4, H413
α,α-dimethylbenzyl hydroperoxide	CAS number: 80-15-9 EINECS / ELINCS number: 201-524-7 EC Index-No.: 617-002-00-8	0,25 – 1	Org. Perox. E, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 3 (Inhalation), H331 Skin Corr. 1B, H314 STOT RE 2, H373 Aquatic Chronic 2, H411
Maleic acid	CAS number: 110-16-7 EINECS / ELINCS number: 203-742-5 EC Index-No.: 607-095-00-3	0,1 – 1	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335
1-acetyl-2-phenylhydrazine	CAS number: 114-83-0 EINECS / ELINCS number: 204-055-3	0,1 – 0,5	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 STOT SE 3, H335

Specific concentration limits:		
Name	Product identifier	Specific concentration limits
α,α-dimethylbenzyl hydroperoxide	CAS number: 80-15-9 EINECS / ELINCS number: 201-524-7 EC Index-No.: 617-002-00-8	(0 <c 10)="" 3,="" <="" h335<br="" se="" stot="">(1 ≤C < 3) Eye Irrit. 2, H319 (3 ≤C < 10) Eye Dam. 1, H318 (3 ≤C < 10) Skin Irrit. 2, H315 (10 ≤C ≤ 100) Skin Corr. 1B, H314</c>
Maleic acid	CAS number: 110-16-7 EINECS / ELINCS number: 203-742-5 EC Index-No.: 607-095-00-3	(0,1 ≤C ≤ 100) Skin Sens. 1, H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Get medical advice/attention if you feel unwell.

Inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable

for breathing.

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Skin contact : Gently wash with plenty of soap and water. Rinse with plenty of water.

Eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

Ingestion : Call a POISON CENTER/doctor if you feel unwell. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact : May cause an allergic skin reaction.

Eyes contact : Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

No information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Alcohol resistant foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No information available

5.3. Advice for firefighters

Firefighting instructions : Prevent fire fighting water from entering the environment. Use water spray or fog for

cooling exposed containers.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Wear suitable protective clothing.

6.1.1. For non-emergency personnel

Protective equipment : Refer to protective measures listed in Sections 7 and 8.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

This product and its container must be disposed of in a safe way, and as per local

legislation.

Other information : Provide adequate ventilation.

6.4. Reference to other sections

Stable in use and storage conditions as recommended in item 7. Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Do not eat, drink

or smoke when using this product. Use personal protective equipment as required.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or

smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from sunlight. Store in a well-ventilated place. Store in a dry place. Keep away from

ignition sources.

Technical condition(s) : Impermeable underground / retention basin. Store in a well-ventilated place.

Special rules on packaging : Keep container tightly closed and dry. Keep only in original container.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No information available

8.1.2. Recommended monitoring procedures

No information available

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8.1.3. Air contaminants formed

No information available

8.1.4. DNEL and PNEC

No information available

8.1.5. Control banding

No information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Gloves. Safety glasses.

Personal protective equipment symbol(s):





8.2.2.1. Eye and face protection

Eye protection:

Wear closed safety glasses

8.2.2.2. Skin protection

Skin protection:

Wear suitable protective clothing.

Hand protection:

In case of repeated or prolonged contact wear gloves. Where hand contact with the product may occur, the use of gloves (approved according to the EN374 standard) made from the following materials may provide suitable chemical protection: Butyl rubber, Nitrile rubber, Neoprene. For continuous contact we recommend gloves with breakthrough time of more than 240 minutes with preference for > 480 minutes. For short-term/splash protection we recommend the same, but recognise that suitable gloves offering this level of protection may not be available. In this case a lower breakthrough time may be acceptable as long as appropriate glove maintenance and replacement regimes are rigorously followed. Glove thickness is not a good predictor of glove resistance to a chemical as it is dependent on the exact composition of the glove material. Depending on model and material, glove thickness generally should be greater than 0,35 mm. Suitability and durability of a glove is dependent on usage (= frequency and duration of contact), chemical resistance of glove material, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly.

8.2.2.3. Respiratory protection

Respiratory protection:

No special protection required where adequate ventilation is maintained

8.2.2.4. Thermal hazards

No information available

8.2.3. Environmental exposure controls

No information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: LiquidColour: Red.Appearance: Gel.

Odour : characteristic.
Odour threshold : Not available
Melting point/melting range : Not available
Freezing point : Not available
Boiling point/range : Not available
Flammability : Not available

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Explosive limits : Not available
Lower explosion limit : Not available
Upper explosion limit : Not available
Flash point : > 93 °C
Auto-ignition temperature : Not self-igniting
Decomposition temperature : Not available

pH : Not available
Viscosity, kinematic : No data available

Solubility : Water: Not miscible or difficult to mix.

Partition coefficient n-octanol/water (Log Kow) : Not available
Vapour pressure : Not available
Vapour pressure at 20 °C : Not available
Density : Not available
Relative density (water = 1) : 1,1 (20 °C)
Vapour density : Not available
Particle characteristics : Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No information available

9.2.2. Other safety characteristics

V.O.C. (V.O.S.) : 5,3 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No information available

10.4. Conditions to avoid

No information available

10.5. Incompatible materials

No information available

10.6. Hazardous decomposition products

Sulphur oxides. Nitrous gasses.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

α,α-dimethylbenzyl hydroperoxide (80-15-9)	
LD50/oral/rat	382 mg/kg
LD50 dermal rat	500 mg/kg
LC50/inhalation/4h/rat	220 mg/l

Maleic acid (110-16-7) LD50/oral/rat

LD50/dermal/rabbit 1560 mg/kg
LC50, Inhalation, rabbit, local > mg/m³ (1 h)

1-acetyl-2-phenylhydrazine (114-83-0)

LD50 oral 270 mg/kg mouse

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : May cause an allergic skin reaction.

708 mg/kg

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Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Reproductive toxicity : Not classified STOT-single exposure : Not classified

Maleic acid (110-16-7)

STOT-single exposure May cause respiratory irritation.

1-acetyl-2-phenylhydrazine (114-83-0)

STOT-single exposure May cause respiratory irritation.

STOT-repeated exposure : Not classified

α,α-dimethylbenzyl hydroperoxide (80-15-9)

STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard Not classified

Inno-Lock Strong

Viscosity, kinematic No data available

11.2. Information on other hazards

No information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)

Not classified

Hazardous to the aquatic environment, long-term

: Not classified

(chronic)

Maleic acid (110-16-7)	
LC50/96h/fish	5 mg/l (Pimephales promelas)
EC50/48h/daphnia magna	250 – 400 mg/l

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

No information available

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

Additional information

: Avoid release to the environment. Harmful to aquatic life with long lasting effects. Danger of pollution of drinking water when product enters the soil

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)

: Disposal must be done according to official regulations.

Waste / unused products

: Avoid release to the environment. Should not be landfilled with household waste.

European List of Waste (LoW) code

: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous

substances

15 01 02 - plastic packaging

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

14.1. UN number or ID number

UN-No. (ADR) : Not applicable UN-No. (IMDG) : Not applicable : Not applicable UN-No. (IATA)

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

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Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No Marine pollutant : No

Further information : No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

VOC Directive (2004/42)

V.O.C. (V.O.S.) : 5,3 g/l

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

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Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

No information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16:	Other information			
Indication of ch	anges			
Section	Changed item	Change	Comments	
	Last revision			
	Supersedes			
2.3				
8.1				
8.2				
9.1				
9.2				
11.2.				
12.6				
12.7				
15				
16				

Abbreviations and acronyms:		
	WGK = Wassergefärhdungsklasse	
	vPvB = very Persistent and very Bioaccumulative	
	VOC = Volatile Organic Compounds	
	VME = Valeur Limite de Moyenne d'exposition	
	VLE = Valeur Limite d'exposition	
	VLA-ED = valores límite ambientales para la exposición diaria	
	VLA-EC = valores límite ambientales para la exposición de corta duración	
	UEL = Upper Explosion Limit	
	TWA = time weighted average	
	TRGS = Technischen Regeln für Gefahrstoffe	
	TLV = Threshold Limit Value	
	SVHC = Substance of Very High Concern	
	STOT RE = specific target organ toxicity repeated exposure	
	STOT SE = specific target organ toxicity single exposure	
	STEL = Short term exposure limit	
	RID = Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).	
	REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals	
	PNEC = Predicted No-Effect Concentration	
	PBT = Persistent, bioaccumulative and toxic	
	OEL = Occupational Exposure Limits	
	NDSCh = Najwyższe Dopuszczalne Stężenie Chwilowe	

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Abbreviations and acro	nyms:
	NDS = Najwyższe Dopuszczalne Stężenie
	N.O.S. = Not Otherwise Specified
	MAL-kode = Måleteknisk Arbejdshygiejnisk Luftbehov
	MAK = Maximale Arbeitsplatzkonzentrationen
	LEL = Lower Explosion Limit
	LD50 = Lethal dose, 50 percent
	LC50 = Lethal concentration, 50 percent
	IOELV = Indicative Occupational Exposure Limit Value (EU)
	IMDG = International Maritime Code for Dangerous Goods
	ICAO = International Civil Aviation Organization
	IATA = International Air Transport Association
	HTP = Haitallisiksi tunnetut pitoisuudet
	GHS = Globally Harmonized System of Classification and Labelling of Chemicals
	EINECS/ELINCS = European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
	DSD = Dangerous Substance Directive
	DPD = Dangerous Preparation Directive
	DNEL = Derived No-Effect Level
	DMEL = Derived Minimal Effect Level
	CSR = Chemical Safety Report
	CLP = Classification, labelling and packaging
	CAS = Chemical Abstracts Service
	ATE = Acute Toxicity Estimate
	ADR = Accord européen sur le transport des marchandises dangereuses par Route
	ACGIH = American Conference of Governmental Industrial Hygienists

Full text of H- and EUH-statements:		
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4	
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2	
Aquatic Chronic 4	Hazardous to the aquatic environment – Chronic Hazard, Category 4	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
H242	Heating may cause a fire.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H312	Harmful in contact with skin.	
H314	Causes severe skin burns and eye damage.	
H315	Causes skin irritation.	
H317	May cause an allergic skin reaction.	
H318	Causes serious eye damage.	
H319	Causes serious eye irritation.	

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Full text of H- and EUH-statements:	
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.
Org. Perox. E	Organic Peroxides, Type E
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Disclaimer with regard to REACH:

The information provided in this Safety Data Sheet is consistent with the information in the Chemical Safety Report, as far as this information was available at the time of compilation (see last revision date).

Disclaimer:

The information of this Safety Data Sheet is based on the present state of our knowledge and on current EC and national laws, as the users' working conditions are beyond our knowledge and control. The user is always responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this Safety Data Sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The information provided relates only to the specific product designated and may not be valid for such product used in combination with any other product. The product must not be used for any purposes other than those specified without first obtaining written handling instructions.