



SAFETY DATA SHEET

IN43 Oxy Destainer

SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Product Name	IN43 Oxy Destainer		
1.2 Other Names	IN43 Oxy Destainer		
SDS No	C2/453-CLP	Rev Date:	14 th November 2017
		Rev No:	4
1.3 Application	Destainer		
1.4 Supplier	Hard and Heavy Technology House, 151 Silbury Boulevard, Milton Keynes, MK9 1LH. PHONE 0144 178 1031 FAX 0845 862 3317 info@hardandheavy.co.uk		
1.5 Emergency Contact Number	0144 178 1031 (Hours of Operation – 08.30 to 17:30 Monday to Friday)		

SECTION 2. HAZARD IDENTIFICATION

Classification (EC1272/2008)						
2.1 Signal Word	Danger					
2.1 Classification	Physical: Not classified Health: Acute Tox. 4 – H302, Eye Dam. 1- H318 Environmental Not classified					
Hazard Statements	H302 – Harmful if swallowed H318 Causes serious eye damage					
Precautionary Statements	P102 – Keep out of reach of children. P280 Wear protective gloves, protective clothing, eye protection, face protection. P301 + 312 If Swallowed: Call a poison centre or doctor if you feel unwell. P305+351+338 If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing P310 Immediately call a POISON CENTRE or doctor / physician					
2.2 Labelling						
	GHS05	GHS07				
2.3 Other Hazards	None					

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

Product	EC (EINECS No.)	CAS-No.	%
Sodium Carbonate Peroxyhydrate	239-707-6	15630-89-4	>30%
Classification (EC 1272/2008)			
Physical: Ox. Sol.2 – H272 Health: Acute Tox. 4 – H302, Eye Dam. 1 – H318. Environmental: Not Classified.			
Product	EC (EINECS No.)	CAS-No.	%
Sodium Carbonate	207-838-8	497-19-8	>30%
Classification (EC 1272/2008)			
Physical: Not Classified. Health: Eye Irrit. 2 – H319. Environmental: Not Classified.			

For the full text of the H-statements mentioned in this section, see section 16.

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

Inhalation	Move exposed person to fresh air. Get medical attention
Ingestion	Get medical advice immediately! Do Not Induce Vomiting! Immediately rinse mouth and drink plenty of water
Skin Contact	Remove contaminated clothing immediately and wash with soap and water. Get medical attention immediately
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove contact lenses if safe and easy to do so, open eyes wide apart. Get medical attention immediately. Continue to rinse.

4.2 Most Important Symptoms and effects, both acute and delayed

General Information	Symptoms described are dependent upon the concentration and exposure time
Inhalation	Possible irritation of throat, nose & airway
Ingestion	Irritation, possible burns to throat mouth and stomach
Skin Contact	Irritation, possible chemical burns to skin
Eye Contact	Possible serious eye damage

4.3 Indication of immediate medical attention and special treatment needed if necessary

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SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:

The preparation is not readily flammable, use fire-extinguishing media suitable for surrounding materials

5.2 Specific Hazard arising from the chemical

When heated in the case of fire, harmful or toxic gases may be produced

5.3 Special protective actions for fire fighters

Self contained breathing apparatus and full protective clothing must be worn

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

- The wearing of suitable protective equipment (including personal protective equipment, see section 8 of this SDS) to prevent any contamination of skin, eyes and personal clothing.
- Follow precautions for safe handling described in section 7 of this SDS.

6.2 Environmental Precautions

Spillages of uncontrolled discharges into watercourses must be immediately alerted to the Environmental Agency or other appropriate regulatory body, without endangering individuals every effort should be made to prevent entrance to drains.

6.3 Methods and material for containment and clean up

Drains should be Bunded or capped to prevent entrance or damage.
Ventilate well. Sweep up; avoiding the creation of dust and scoop in to suitable containers for disposal as hazardous waste, if needed dilute with copious amounts of water.

SECTION 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid Spilling, skin and eye contact. Keep away from heat, sparks and open flames. Eliminate all sources of ignition. Static electricity and formation of sparks must be prevented

Do Not Smoke In Work Area! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using, do not eat, drink or smoke.

7.2 Conditions for safe Storage, including incompatibilities

Keep dry and in containers tightly closed. Keep in original containers. Do not allow product to freeze, avoid extreme temperatures

7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**8.1 Control parameters****8.2 Appropriate engineering controls**

Provide adequate ventilation

8.3 Individual protection measures, such as personal protective equipment (PPE)

Respiratory Equipment If ventilation is in sufficient, suitable respiratory protection must be provided.

Hand Protection PVC gloves are recommended.

Eye Protection Wear approved safety goggles.

Other Protection Wear protective clothing to prevent prolonged skin contact

Protective Equipment

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

This Product is a	Mixture		
Appearance	Crystalline powder		
Colour	White		
Odour	Low		
Solubility	Soluble in water		
pH value	9-10	Boiling Point (°C)	N/a
Relative Density	1-1.2	Vapor Pressure	N/a

9.2 Other information**SECTION 10. STABILITY AND REACTIVITY****10.1 Reactivity**

None known

10.2 Chemical stability

Stable under normal conditions and use.

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Do Not allow to freeze

10.5 Incompatible materials

Strong Acids

10.6 Hazardous decomposition products

Oxygen

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicological information

We have not carried out any animal testing; therefore we have no toxicological data specifically for this product. The toxicological data, where provided by the raw material manufacture, can be made available on request.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing; therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity data, where provided by the raw material manufacturer for the ingredients with aquatic toxicity can be provided on request

12.2 Persistence and degradability

Degradability: this preparation is designed for disposal via normal foul water disposal methods

12.3 Bioaccumulative potential

This preparation does not contain any substance that is expected to be bioaccumulating

12.4 Mobility in soil

Not Known

12.5 Results of PBT and vPvB

This preparation does not contain and PBT or vPvB substances

12.6 Other adverse effects

Not Known

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The preparation is designed for disposal via foul drain after use. Large volumes to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local waste disposal authority. Clean used container and recycle.

SECTION 14. TRANSPORT INFORMATION

This product is not classified as hazardous for transport, as per IATA, ADR & IMDG.

SECTION 15. REGULATORY INFORMATION

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

Guidance notes: Workplace Exposure Limits EH40

EU Legislation: Safety Data sheets prepared in accordance with REACH Commission Regulation (EU) No 453/2010 Packaging & Labelling of dangerous preparations. Ingredients are listed with classification under GHS / CLP – Regulation (EC) No 1272/2008 classification, ADR 2013

15.2 Chemical Safety Assessment

Not applicable this product is a mixture

SECTION 16. OTHER INFORMATION

REV. No. REPL. SDS	4/3
Generated	14 th November 2017 replaces v2 28 th July 2015
SDS No.	C2/453-CLP
SDS Status	OK
Approved	14 th November 2017
Notes	This information relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of the company's knowledge and belief, accurate and reliable as of date indicated. However, no warranty, guarantee or representation is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
Hazard statements in full	H272 – May intensify fire; Oxidiser H302 – Harmful if swallowed H318 – Causes serious eye damage

	H319 – Causes serious eye irritation
Supplementary P- Statements	P280 – Wear protective gloves, protective clothing, eye protection, face protection. P264 – Wash Hands thoroughly after handling. P270 – Do not eat, drink or smoke when using this product. P301 + 312 – If Swallowed: Call a poison centre or doctor if you feel unwell. P305+351+338 – If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing P310 – Immediately call a POISON CENTRE or doctor / physician
<u>END of SDS</u>	

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