

THIXOBLITZ OVEN CLEANER

DESCRIPTION

B203 is a powerful composition based upon sodium hydroxide containing special additives to boost the degreasing performance. B203 DOES NOT contain any harmful organic solvents and relies on special additives to achieve a high penetration of burnt food soils. The chemical is presented in the form of a Thixoblitz liquid which clings to vertical surfaces and is designed for easier and safer cleaning of heavy-duty cooking equipment such as ovens, grills, griddles, fryers etc.

TYPICAL CHARACTERISTICS

Appearance - Clear viscous liquid

Odour - Characteristic 'sharp'.

pH as supplied - 14

Specific gravity @ 20 degrees C - 1.198 +/- 0.01

METHOD OF USE

Wear the advised protective clothing and use the product neat. Can be used cold. Best results are obtained from pre-warmed surfaces and regular application of the product. Pre-warm oven surfaces before using the product (do not exceed 225 degrees F but warm as much as safe and comfortable working will allow. Turn off the oven before using B203. Apply liberally either through a sprayer or using a soft bristle nylon brush and completely cover surface to be cleaned. Allow 15 minutes contact time to penetrate and lift the deposits and then remove excess with plastic scoop and dry cloth. Finally rinse off with hot water using an abrasive pad where contamination is heavy (except on PTFE lined ovens).

TYPICAL APPLICATIONS

The product can be used safely on all heavy duty cooking equipment such as ovens, grills, griddles, fryers etc. DO NOT USE on aluminium, brass, zinc or galvanised surfaces.

STORAGE

Do not store at extremes of temperature. Ensure containers are stored in such a position to minimise risk of damage.

PRODUCT CLASSIFICATION

This product is given the group classification B.

LABELLING REQUIREMENTS

Product Designation: Thixoblitz Oven Cleaner

Product classification and symbols (CPL Regulations):

CORROSIVE

Contains 20% Sodium Hydroxide

Substance Identification Number: 1760 or 1719

Primary label cautions (CPL Regulations):

Causes severe burns Keep out of reach of children

Remove all contaminated clothing Wear suitable gloves and eye/face protection

Avoid contact with eyes, in case of contact rinse immediately with

plenty of water and seek medical attention.

SAFETY INFORMATION

Do not take by mouth. When using by spray ensure adequate ventilation.

Avoid skin contact, wear protective and avoid eye contact.

Wear goggles to prevent splashes entering the eyes.

FIRST AID

In the event of:	<i>Swallowing:</i> Discourage vomiting. Give plenty of drink such as milk or water and seek medical attention. <i>Inhalation of spray vapours:</i> Remove affected person to fresh air and seek medical attention in case of prolonged effect.
<i>Eye contact:</i>	Wash thoroughly with clean water. Seek medical attention if irritation persists.
<i>Skin irritation:</i>	Wash thoroughly with water and treat with a soothing hand cream. Seek medical attention for burns, large area exposure or persistent irritation.

SPILLAGE

Treat immediately either by washing away with water or by absorbing with sand, sawdust or absorbent granules, scraping up and disposing of in a waste bin.

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME; THIXOBLITZ OVEN CLEANER
SYNONYMS,TRADE NAMES; B203
COMPANY IDENTIFICATION: Assured Solutions Limited,
Units H & I Mease House
Westminster Industrial Estate,
Measham, SWADLINCOTE,
DE12 7DS.
EMERGENCY TELEPHONE: 01530 272922

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK (class) (R.No.)
Water		None
Starch		None
Alkyl Diemthylamine Betaine		None
Sodium Hydroxide	>5%	R35

3. HAZARDS IDENTIFICATION:

Causes severe burns

4. FIRST AID MEASURES:

SKIN CONTACT: Speed is essential to prevent permanent damage. Therefore, brush off excess material and irrigate with large amounts of boric saline solution or water. Remove contaminated clothing immediately and thoroughly clean and dry before re-use.

OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS OR IF BLISTERING OCCURS.

EYE CONTACT: Speed is essential - Only a few seconds contact is sufficient to produce permanent damage. Therefore, irrigate with boric saline solution or water for at least 10 minutes, ensuring liquid reaches the corners and under both eyelids. **Continue irrigation until medical attention can be obtained.**

INGESTION: Do not induce vomiting. Wash out mouth with water and give plenty of water and milk to drink, followed by 1% acetic acid (dilute vinegar) or fruit juice.

OBTAIN MEDICAL ATTENTION IMMEDIATELY.

MEDICAL ASSISTANCE: Symptomatic treatment and supportive therapy as indicated. In the case where material has entered the eyes, a sterile pad and bandage should be applied.

5. FIRE FIGHTING MEASURES:

Product is non flammable but may liberate toxic fume in a severe fire. Therefore full body protective clothing is recommended as SCBA.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS: Collect with absorbent, non-combustible material into Suitable containers. Containers to be collected by waste disposal contractors. Wear suitable protective clothing. Care must be taken as there is a slip hazard. Prevent entry of product into drains and waterways. Contact local authorities if product enters waterways.

7. HANDLING & STORAGE:

USAGE PRECAUTIONS: Corrosive substance store away from extremes of heat, and out of direct sunlight. Do not store in metal containers. handle with care, avoid all contact with skin and eyes and remove contaminated clothing immediately.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXP	ST EXP
Sodium Hydroxide.	OES		2mgm-3
Personal protection:- Wear P.V.C or rubber gloves and goggles.			

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Creamy White Liquid Gel.
Odour	Slight
Solubility	Soluble on agitation
Solubility Value	N/A
Specific Gravity	1.198 g/ml nominal
Evaporation Rate (BuAc=1)	N/A
Vapour Pressure (mmHg)	
Vapour Density (air=1)	
Melting Point (C)	
Boiling Point (C)	
Viscosity	
pH-Value	14.0
Flash Point Method P/M Pensky-Martins	
Auto Ignition Temperature (C)	N/A
Flammability Limit: - lower %:	N/A
Flammability Limit: - upper %:	N/A

10. STABILITY AND REACTIVITY:

Stable under normal conditions, but contact with aluminium, brass, tin and zinc will produce hydrogen gas.

11. TOXICOLOGICAL INFORMATION:

Sodium Hydroxide	
TOXIC DOSE (LD50)	Mice 40mg / kg
TOXIC CONS (LD50)	Rabbit 500mg / kg

12. ECOLOGICAL INFORMATION:

The detergents in this formulation are thought to be biodegradable.

The inorganic salts are not biodegradable.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Contact local waste companies.

14. TRANSPORT INFORMATION:

UN No: 1823
ADR CLASS No : 8 Corrosive.
AIR TRANSPORT CLASS No:
AIR SUB CLASS:
AIR PACK GR.:
HASCHEM CODE:
SEA TRANSPORT CLASS No:
SEA PACK GR.:
RAIL TRANSPORT CLASS No:
CEFIC TEC (R) No:
UK LABEL FOR CONVEYANCE: C Corrosive.

15. REGULATORY INFORMATION:

UK LABEL C; Corrosive contains sodium hydroxide..
RISK PHRASES; R-35 Causes severe burns.
SAFETY PHRASES: S-37/39 Wear gloves and eye /face protection
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S2 Keep out of reach of children.

16. OTHER INFORMATION:

USER NOTES: Product Designation: Thixoblitz Oven Cleaner.
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