

COSHH ASSESSMENT – Thermoplan Black and White Milk System Cleaning Tablets



STEP 1 – ASSESSMENT DETAILS

Hazard Control Ref:	CCG-059	Supplier:
Issue Number:	03	Urnex Brands Inc. 29 Harley Street, London, W1G 9QR United Kingdom Tel: +44 (0)20 7927 6881
Date Completed:	4 April 2024	
Employee consultation and involvement:	James Diaz	
Re-Assessment Due*:	Two years from above date.	
Assessment Completed By:	Health & Safety Manager	Emergency Telephone Number:
		NHS Medical toxicology information service: 111 (24 hours) Emergency: 999

STEP 2 – PROCEDURES BEFORE STARTING TASK

Read C.O.S.H.H. Assessment	Dilute Chemicals to Manufactures Instructions	Training and Knowledge Company safety Site - induction form: F039	Trained Employees with Appropriate PPE Only to Use This Product.	Perform Visual Check of Equipment and Area to be cleaned	Place Warning Signs at Access/Egress Point
✓	✓	✓	✓	✓	✓

STEP 3– PRODUCT SUMMARY & CLASSIFICATION LABELLING

Product: Name:	Milk System Cleaning Tablets	Symbol (s):	
Hazard Classification:	Skin Irrit. 2 H315 Causes skin irritation. Eye Irrit. 2 H319 Causes serious eye irritation. Skin Sens. 1 H317 May cause an allergic skin reaction.	Is There a Maximum Exposure Limit (MEL) or Occupation Exposure Limits (OEL):	<i>No data available</i>
Container Size:	STOT SE 3 H335 May cause respiratory irritation. 100 tablets	Emergency Fire Procedures:	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Physical Properties:	Physical state: Solid / Odour: Characteristic. Colour: White	Typical Duration of Use:	1 hour (S)
Product Use:	Coffee Machine-Milk System Cleaner USE as per manufacturer instructions		

COSHH ASSESSMENT – Thermoplan Black and White Milk System Cleaning Tablets



Typical Method of Use:			
Storage:	Keep in a sealed container in a well-ventilated place. Keep cool. Store away from oxidizing agents. Keep container tightly sealed. Store under lock and key and out of the reach of children. Protect from humidity and water.	Dilution Ratio:	✓ Use as per manufacturer instructions
Spillage/Accidental Release:	Ventilate spillage area. Avoid contact with skin and eyes. Wash away with water or pick up mechanically. Must not be disposed together with household garbage. Do not allow product to reach sewage system. Do not allow to enter sewers or ground water.	Additional information:	<u>pH-value: 2-2.5</u> Do not eat, drink or smoke in areas where product is used. Incompatible materials: strong oxidizing agents, reducing agents, strong acids and alkali

STEP 4 – TOXICOLOGICAL INFORMATION

EYES:	Irritating effect.	INGESTION:	No further relevant information available.
SKIN:	Irritant to skin and mucous membranes.	INHALATION:	No further relevant information available.

STEP 5 – PERSONAL PROTECTIVE EQUIPMENT (PPE) to be used:

 Apron		 Wellingtons	 Boots	 Overall	 Fume Mask	 Dust Mask – In case of dust formation	 Protective
	✓			✓			✓

STEP 6 – EMERGENCY, FIRST AID & DISPOSAL MEASURES

EYES:	Rinse opened eye for several minutes under running water. Then consult a doctor. Remove contact lenses, if present and easy to do. Continue rinsing.	INGESTION:	Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.
SKIN:	Immediately wash with water and soap and rinse thoroughly. Change contaminated clothing.	INHALATION:	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably in side position for transportation.
DISPOSAL ARRANGEMENTS:			
Observe safe handling precautions and local legislation.			

STEP 7 – RISK ASSESSMENT (likelihood X Severity = Risk)

COSHH ASSESSMENT – Thermoplan Black and White Milk System Cleaning Tablets



CATEGORY	HAZARD	POTENTIAL HARM	Likelihood	Severity	Risk before Controls	Risk After Controls	COMMENTS
STORAGE	UNLOCKED STORES / OPEN BOTTLES / SPILLAGES/ ACCIDENTAL MIXING	Contact / Absorption / Inhalation / Ingestion Operatives / Occupiers / visitors	4	3	12	4	H&S Induction training and awareness Lock stores and cupboards Reporting and monitoring in place Tollbox talk programme in place Competent supervision Trained operatives / PPE
HANDLING	Inhalation, Ingestion, Absorption, Direct entry Contact	May result in skin redness or mild irritation Eye Irritation or damage	4	3	12	2	Relevant PPE available, Induction form signed, competent Supervision Product usage – Refer to the User manual handbook of the appliance before using this product Toolbox talks and safety briefings to highlight awareness.
DURING USE	Inhalation, Ingestion, Absorption, Direct entry Contact, poor ventilation	skin contact exposure may result in skin redness / eye Irritation	4	2	8	4	Short use / duration, reporting any abnormalities No eating or drinking in force and supervised Suitable gloves and eye should be worn to protect from chemicals. Depending on the sensitivity of the person eye and face protection will be supplied. Toolbox talks and safety briefings to highlight awareness H&S Site Induction and refresh training in place
OVERALL RISK RATING BEFORE CONTROL: 10.6			Very Low	Low	Medium	High	COMMENTS
					✓		
OVERALL RISK RATING AFTER CONTROL: 3.3			Very Low	Low	Medium	High	
			✓				



LIKELIHOOD 1. IMPROBABLE OCCURRENCE 2. REMOTED OCCURRENCE 3. REASONABLY PROBABLE OCCURRENCE 4. VERY LIKELY OCCURRENCE 5. ALMOST CERTAIN OCCURRENCE	SEVERITY 1. <u>SLIGHT</u> : NO INJURY or Injury requiring first Aid treatment 2. <u>MINOR</u> : INJURY requiring medical treatment with absence from 3 days to 3 weeks 3. <u>MODERATE</u> : Injury illness resulting in temporary disability (eg. fractures) and absence over 3 weeks 4. <u>SERIOUS</u> : Severe injury or permanent disability (e.g loss of limb, sight) property and equipment damage 5. <u>MAJOR</u> : Immediate danger exist, capable of causing death, loss or damage on a wide scale and serious business disruption (e.g. Explosion, fire, structural damage, etc.)	INTERPRETATION 4 and below very Low risk = No further action, but ensure controls are maintained and review 5 to 8 Low risk = Risk Can be tolerated or for only short term. Plan introduction of measures with a defined time period 9 to 15 Medium Risk = Planned and introduce further control measures to mitigate the risk within a time scale 16 and Above = Stop activity and immediate action
--	--	---

STEP 8 – ADDITIONAL RISK FACTORS

New or Un-Trained Employees	Pregnant Women	Visitors/Contractors/ Members of The Public	Slip Hazards	Unsafe Handling/Storage
✓	✓	✓		✓

STEP 9 – HEALTH SURVEILLANCE & MONITORING

Arrangements for monitoring compliance (including maintenance of control measures):	<ul style="list-style-type: none"> Ongoing training Tool-box-talks Presentations (via tablets on-site or DVD at offices) Quality & Health/Safety site inspections Auditing process Management monitoring
---	--

STEP 10 – ASSESSMENT FOLLOW UP & REVIEW

Following this assessment:	Review of assessment:
Employees/workers must have been informed of: <ul style="list-style-type: none"> The names of substances they may be exposed to; The risks to health created by exposure; Any relevant occupational exposure standard, maximum exposure limit or similar self-imposed (in-house) work standard that applies to the substance; Any information contained on any Safety Data Sheet which relates to the substance; The significant findings of this assessment; What precautions to take to protect themselves and others; The results of any health surveillance; and The results of any monitoring of exposure. 	This assessment must be reviewed/updated : <ul style="list-style-type: none"> As part of planned review If alternative cleaning product/substances are used If alternative methods or processes are used Upon client request Changes to the COSHH, and other relevant, regulations After consultation with workers or other interested parties After an accident, incident, near miss or dangerous occurrence