



COSHH ASSESSMENT
Assessment No: C1016
Substance Name: C1016 Wheel Cleaner Concentrate –
Product No. 225-13
Assessed By: Craig Carswell
Supplier: Autosmart International Ltd
Date: 14/04/2025
Next Review: 14/04/2026
Location: Carswells Devil in the Detail

Document Information:

COSHH ASSESSMENT – C1016	**Details**
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Substance Name	Wheel Cleaner Concentrate – Product No. 225-13
Assessed By	Dave Taylor TechIOSH
Supplier	Autosmart International Ltd
Assessment Date	17/12/2024
Review Due	17/12/2025
Supplier Contact	+44 1865 407333
Approved Use	Car maintenance product – Wheel Cleaner
Health Effects	Corrosive. Prolonged contact causes serious eye and tissue damage. Severe irritation of nose and throat if inhaled. Ingestion causes chemical burns in mouth, oesophagus, and stomach. Contact with skin causes severe burns, pain, irritation, redness, and blistering. Serious eye damage, pain, watering, redness.
Hazard Identification	Metal Corrosive. 1, Skin Corrosion. 1B, Eye Damage. 1
Risk Rating	<input checked="" type="checkbox"/> High <input type="checkbox"/> Medium <input type="checkbox"/> Low
Risk to Pregnant People	No
Routes of Exposure	<input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin Absorption <input checked="" type="checkbox"/> Eye Contact <input type="checkbox"/> Injection
PPE Required	<input checked="" type="checkbox"/> Protective Clothing (long sleeves) <input checked="" type="checkbox"/> Nitrile Gloves <input type="checkbox"/> Anti-static Footwear <input type="checkbox"/> Respiratory Protection <input checked="" type="checkbox"/> Chemical Splash Goggles or Face Shield
Hazard Statements	H290: May be corrosive to metals H314: Causes severe skin burns and eye damage
Precautionary Statements	P260: Do not breathe vapour/spray P264: Wash contaminated skin thoroughly after handling P280: Wear protective gloves/clothing/eye protection/face protection P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Substance Use & Process	205 L stored on a bunded tray or in a bunded cupboard in the wash bay. Diluted with AccuDose system and decanted into pre-spray bottles. Wheel must be cool before use. Diluted: 1:4 for general cleaning, 1:1 for heavy soiling. Applied via sprayer, allowed to dwell for 5 minutes, then rinsed thoroughly with water.
Occupational Exposure Limits (EH40)	Sodium hydroxide: 2 mg/m³ TWA 2-butoxyethanol: 123 mg/m³ TWA (25 ppm), 246 mg/m³ STEL (50 ppm) 2-(2-butoxyethoxy) ethanol: 67.5 mg/m³ TWA (10 ppm), 101.2 mg/m³ STEL (15 ppm)
Required Protection Factor for RPE	APF 20 / FFP3
Handling, Storage & Disposal	Read and follow manufacturer's recommendations. Wear PPE as described. Keep away from food and animals. Do not handle broken packages without protective equipment. Avoid contact with eyes and inhalation of vapours. Store in original container, upright, and protected from damage. Keep in bunded area.
Accidental Release Measures	Wear PPE. Avoid inhalation of dust/vapours. Use suitable respiratory protection if ventilation is inadequate. Clean up spills immediately and dispose of waste safely. Flush contaminated area with water. Notify authorities if environmental pollution occurs.
Existing Control Measures	Substance boards in wash bays with colour codes and product symbols for visual training. PPE provided and used. Limits on quantities kept on-site. Product stored in bunded trays/cabinets. Wastewater routed to interceptor tanks. Product biodegradable with limited bioaccumulation. COSHH storage cupboards in use. Diluted via AccuDose system.
First Aid – Inhalation	Move affected person to fresh air, keep warm, and at rest. Loosen tight clothing. Administer oxygen if trained. Place unconscious person in the recovery position.
First Aid – Skin Contact	Remove contaminated clothing. Rinse with water for 15 minutes. Seek medical attention.
First Aid – Eye Contact	Rinse eyes with water for at least 10 minutes. Remove contact lenses if possible.
First Aid – Ingestion	Rinse mouth with water. Give small amounts of water or milk to drink. Do not induce vomiting unless instructed by medical personnel. Keep the affected person at rest and in a comfortable position.
Employee Declaration	I confirm that the contents of this method statement/safe operating procedure have been explained and understood. I will adhere to the instructions and will stop work if a deviation is necessary. **Name:** _____ **Date:** _____ **Signature:** _____
DSEAR Supplement	Substance corrosive to metals. Measures include diluting substance, using pre-spray bottles, and washing off after application. Substance formulated for use in wash bays. Metal checker plate flooring in wash bays. PPE required.



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