

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **Neoblack Spray**
 Item Code:
 Product Use: Washing and cleaning products (including solvent based products)
 Restriction of Use: Refer to Section 15
 New Zealand Supplier: **CRK NZ Ltd**
 Address: **3 Hotunui Drive
Mt. Wellington
Auckland**
 Telephone: +64 9 276 3271
 Fax Number: +64 9 276 9645
 Emergency Telephone: **0800 764 766 (National Poison Centre)**
 Date of SDS Preparation: 17 May 2017

Section 2. Hazards Identification

This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

EPA Approval No: Aerosols (Flammable) – HSR002515

Pictograms



Flammable

Signal Word: **DANGER**

| HSNO Classification | Hazard Code | Hazard Statement | GHS Category |
|---------------------|-------------|------------------------------|--------------|
| 2.1.2A | H222 | Extremely flammable aerosol. | Category 1 |

| Prevention Code | Prevention Statement |
|-----------------|---|
| P103 | Read label before use. |
| P210 | Keep away from heat, sparks, open flames or hot surfaces. No smoking. |
| P211 | Do not spray on an open flame or other ignition source. |
| P251 | Pressurized container: Do not pierce or burn, even after use. |

| Response Code | Response Statement |
|---------------|--------------------|
| Non allocated | |

| Storage Code | Storage Statement |
|---------------------|---|
| P410 + P412 | Protect from sunlight. Do not expose to temperatures exceeding 50 °C. |

| Disposal Code | Disposal Statement |
|----------------------|--|
| P501 | Dispose of according to Local Regulations or Authorities |

Section 3. Composition / Information on Ingredients

| Ingredients | Wt% | CAS NUMBER. |
|---------------------------|------------|--------------------|
| Propane | >10-<30 | 74-98-6 |
| Butane | >10- <30 | 106-97-8 |
| Non-hazardous ingredients | To bal | |

Section 4. First Aid Measures

Routes of Exposure:

| | |
|--------------|--|
| If in Eyes | Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice. |
| If on Skin | Rinse skin with water/shower. If skin irritation occurs: get medical advice/attention. |
| If Swallowed | Rinse mouth. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Seek medical attention if needed. |
| If Inhaled | Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult. |

Section 5. Fire Fighting Measures

| | |
|---|---|
| Hazard Type | Non flammable |
| Hazards from combustion products | Do not inhale explosion and/or combustion gases. In case of combustion evolution of dangerous gases possible. |
| Suitable Extinguishing media | Dry powder, Water spray jet, Foam Non Suitable extinguishing media: Compatible with all usual extinguishing media. |
| Precautions for firefighters and special protective clothing | In case of combustion use a suitable breathing apparatus. Wear full protective gear. |
| HAZCHEM CODE | 2YE |

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel. Absorb spill with inert material. Spill area should be flushed with water to sewer (avoid high pressure rinsing). Do not use cleaning methods that generate aerosol. Pick up with absorbent material. Dispose of according to Local Regulations.

Section 7. Handling and Storage

Precautions for Handling:

- Read label before use.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Do not spray on an open flame or other ignition source.
- Pressurized container: Do not pierce or burn, even after use.
- Provide good ventilation of working area (local exhaust ventilation if necessary).
- Avoid impact, friction and electro-static loading; risk of ignition!.
- Provide good room ventilation even at ground level (vapours are heavier than air).
- Keep container tightly closed.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
- Keep in original packaging, tightly closed.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

| Substance | TWA | | STEL | |
|-------------------|-----|-------------------|------|-------------------|
| | ppm | mg/m ³ | ppm | mg/m ³ |
| Butane [106-97-8] | 800 | 1,900 | - | - |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.*

Engineering Controls

Provide good ventilation of working area (local exhaust ventilation if necessary).

Personal Protection

| | |
|-----------------------|---|
| Eyes | Wear safety glasses with side shields. |
| Hands and Skin | Gloves not necessary, but always good practice to wear. Clothing as usual in the chemical industry. |
| Respiratory | If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. |
| General | Do not smoke during work time. Do not inhale gases/vapours/aerosols. Do not eat or drink during work time. Storage of foodstuffs in work rooms is forbidden. Take off immediately all contaminated clothing. Wash hands before breaks and after work. |

Section 9 Physical and Chemical Properties

| | |
|---|--------------------|
| Appearance | Colourless aerosol |
| Odour | Characteristic |
| Odour Threshold | Not available |
| pH – Value | Approx. 6 – 7 |
| Boiling Point | Not available |
| Melting Point | Not available |
| Freezing Point | Not available |
| Flash Point | Not available |
| Flammability | Not applicable |
| Upper and Lower Explosive Limits | Not available |
| Vapour Pressure | Not available |

| | |
|----------------------------------|----------------|
| Density | Not available |
| Relative Density | Not available |
| Solubilities | Not available |
| Partition Coefficient: | Not available |
| Auto-ignition Temperature | Not available |
| Decomposition Temperature | Not available |
| Kinematic Viscosity | Not available |
| Particle Characteristics | Not applicable |

Section 10. Stability and Reactivity

| | |
|---|---|
| Stability of Substance | This product is stable under normal conditions. |
| Conditions to Avoid | Protect from heat and direct sunlight. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. |
| Incompatible Materials | Oxidising agents. |
| Hazardous Decomposition Products | No hazardous decomposition products known. |

Section 11 Toxicological Information

Acute Effects:

| | |
|-------------------|-----------------|
| Swallowed | Not applicable. |
| Dermal | Not applicable. |
| Inhalation | Not applicable. |
| Eye | Not applicable. |
| Skin | Not applicable. |

Chronic Effects:

| | |
|-------------------------------|-----------------|
| Carcinogenicity | Not applicable. |
| Reproductive Toxicity | Not applicable. |
| Germ Cell Mutagenicity | Not applicable. |
| Aspiration | Not applicable. |
| STOT/SE | Not applicable. |
| STOT/RE | Not applicable. |

Section 12. Ecotoxicological Information

This product is not hazardous to the environment.

| | |
|--------------------------------------|-------------------|
| Persistence and degradability | No data available |
| Bioaccumulation | No data available |
| Mobility in Soil | No data available |
| Other adverse effects | No data available |

Section 13. Disposal Considerations

Disposal Method: Triple rinse and dispose of according to Local Regulations.

Precautions and methods to avoid: Wear protective equipment as detailed in Section 8. Absorb spill with inert material. Spill area should be flushed with water to sewer. Pick up with absorbent material. Dispose of according to Local Regulations.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Road and Rail Transport

UN No: 1950
Class-primary 2
Packing Group Non allocated
Proper Shipping Name: AEROSOLS

Air Transport

UN No: 1950
Class-primary 2
Packing Group Non allocated
Proper Shipping Name: AEROSOLS

Marine Transport

UN No: 1950
Class-primary 2
Packing Group Non allocated
Proper Shipping Name: AEROSOLS

Section 15 Regulatory Information

EPA Approval Code: Aerosols (Flammable) – HSR002515
HSNO Classification: 2.1.2A

HSNO Controls:
Trigger quantities for this substance:

| | Trigger Quantity |
|-----------------------------|-------------------------|
| Approved Handler | 3000L awc |
| Location Certificate | 3000L awc |
| Tracking Trigger Quantities | Not required |
| Signage Trigger Quantities | 3000L awc |
| Emergency Response Plan | 300L awc |
| Restriction of Use | None |

Section 16 Other Information**Glossary**

| | |
|------------------|---|
| AWC | Aggregate water capacity |
| EC ₅₀ | Median effective concentration. |
| EEL | Environmental Exposure Limit. |
| EPA | Environmental Protection Authority |
| HSNO | Hazardous Substances and New Organisms. |
| LC ₅₀ | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD ₅₀ | Lethal dose to kill 50% of test animals/organisms. |
| LEL | Lower explosive level. |
| OSHA | American Occupational Safety and Health Administration. |
| TEL | Tolerable Exposure Limit. |
| TLV | Threshold Limit Value-an exposure limit set by responsible authority. |
| UEL | Upper Explosive Level |
| WES | Workplace Exposure Limit |

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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