



CUSTOMER APPROVAL		Every effort has been made to ensure that this proof is correct. I, Vanessa Lusted cannot be held responsible for any errors after proof has been signed.	
COMPANY:			
NAME:			
SIGNATURE:			
DATE:			
BASE COLOUR:	DESIGN: Chromic Acid		
RAL 5015			
PRINT COLOURS:			
White			
Yellow			
Orange			
Black			
Red			
Blue			
CUSTOMER:	LANXESS		
SIZE:	42L		
DATE OF PROOF:	1 June 2007; 20 April 2015;		
	16 Oct 2019; 21&27 Oct 2019		

Base Coat:	 RAL 5015
Print Colours:	
 White	 Red:- C 0; M100%; Y100%; B 0
 Yellow:- C 0; M0; Y100%; B 0	 Blue:- C 100%; M70%; Y 0; B 0
 Orange:- C 0; M60%; Y100%; B 0	 Black:- C 0; M0; Y 0; B 100%

Brochem

5346681

三氧化铬

Chromium Trioxide

三氧化铬 (100 %)
chromium (VI) trioxide (100 %)

危险

Danger

可能引起燃烧或爆炸；强氧化剂。吞咽会中毒。皮肤接触或吸入致命。
造成严重皮肤灼伤和眼损伤。可能造成皮肤过敏反应。

吸入可能导致过敏或哮喘病症或呼吸困难。可能造成呼吸道刺激。

可能造成遗传性缺陷。可能致癌。怀疑对生育能力或胎儿造成伤害。

长期或反复接触会对器官造成损害。对水生生物毒性极大并具有长期持续影响。

防范说明：预防措施：使用前取得专用说明。在阅读并明了所有安全措施前切勿搬动。
远离热源。避开/贮存处远离服装/可燃材料。

采取一切防范措施，避免与可燃物混合。不要吸入粉尘/ 烟/ 气体/ 烟雾/ 蒸气/ 喷雾。严防进入眼中、接触皮肤或衣服。作业后彻底清洗皮肤。

使用本产品时不要进食、饮水或吸烟。只能在室外或通风良好之处使用。

受沾染的工作服不得带出工作场地。避免释放到环境中。

戴防护手套/穿防护服/戴防护眼罩/戴防护面具。穿防火/阻燃服装。

[在通风不足的情况下]戴呼吸防护装置。事故响应：

如误吞咽：立即呼叫急救中心/医生。漱口。不得诱导呕吐。

如皮肤（或头发）沾染：立即脱掉所有沾污的衣物。用水清洗皮肤/淋浴。

如误吸入：将人转移到空气新鲜处，保持呼吸舒适体位。立即呼叫急救中心/医生。

如进入眼睛：用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出，取出隐形眼镜。
继续冲洗。立即呼叫急救中心/医生。

如沾染衣服：立即用水充分冲洗沾染的衣服和皮肤，然后脱掉衣服。

如接触或有疑虑：求医/就诊。如发生皮肤刺激或皮疹：求医/就诊。

立即脱掉所有沾染的衣服，清洗后方可重新使用。

火灾时：使用干砂、干粉或抗醇泡沫灭火。

在发生大火和大量泄漏：撤离现场。因有爆炸危险，须远距离救火。收集溢出物。

储存：存放在通风良好的地方。保持容器密闭。存放处须加锁。废弃处置：

将内装物/容器送到批准的废物处理厂处理。

May cause fire or explosion; strong oxidizer. Toxic if swallowed.
Fatal in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS: Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat. Keep/Store away from clothing/ combustible materials. Take any precaution to avoid mixing with combustibles. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. Wear fire/ flame resistant/ retardant clothing. Wear respiratory protection. Response:

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

POISON CENTER/doctor. IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Collect spillage.

Storage: Store in a well-ventilated place. Keep container tightly closed. Store locked up. **Disposal:** Dispose of contents/ container to an approved waste disposal plant.

更详细的信息，请参阅化学品安全技术说明书

For more detailed information, please refer to the Material Safety Data Sheet

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CHROMIUM TRIOXIDE CRYSTALS

TR Tehlike chromium (VI) trioxide [1333-82-0]

Yangına veya patlamaya yol açabilir; güçlü oksitleyici. Yutulması halinde toksiktir. Ciltle temas ettiğinde veya solunduğunda öldürücüdür. Ciddi cilt yanıklarına ve göz hasarına yol açar. Alerjik cilt reaksiyonlarına yol açar. Solunması halinde nefes alma zorlukları, astım nöbetleri veya alerjiye yol açabilir. Solunum yol tahrîşine yol açabiliir. Genetik hasara yol açabiliir. Kansere yol açabiliir. Üremeye zarar verme şüphesi var. (Testislerde atropiye sebep olur) Uzun süreli veya tekrarlı maruz kalma sonucu organlarda hasara yol açar. Sucul ortamda uzun süre kalıcı, çok toksik etki. Kullanmadan önce özel talimatları okuyun. Isıdan/kıvılcımdan/alevden/sıcak yüzeylerden uzak tutun. Sigara içilmez. Kıyafetlerden/yanıcı malzemelerden uzak tutun/saklayın. Yanıcılarla karışmasını önlemeye her türlü önleme alın. Tozunu/dumanını/gazını/sisini/buharını/spreyini solumayın. Gözle, ciltle veya kıyafette temas ettirmeyin. Çevreye verilmesinden kaçının. Koruyucu eldiven/koruyucu kıyafet/göz koruyucu/yüz koruyucu kullanın. Solunum koruyucu giyin. YUTULDUĞUNDA: ULUSAL ZEHİR DANIŞMA MERKEZİNİN 114 NOLU TELEFONUNU veya doktoru/hekimi arayın. Ağzınızı çalkalayın. DERİ İLE TEMAS HALİNDE İSE: Bol sabun ve su ile iyice yıkayın. Hemen ULUSAL ZEHİR DANIŞMA MERKEZİNİN 114 NOLU TELEFONUNU veya doktoru/hekimi arayın. DERİ (veya saç) İLE TEMAS HALİNDE İSE: Kirlenmiş tüm giysilerinizi hemen kaldırın/çıkartın. Cildinizi su/duş ile durulayın. SOLUNDUĞUNDA: Zarar gören kişiyi temiz havaya çıkartın ve kolay biçimde nefes almaları için rahat bir pozisyonda tutun. Hemen ULUSAL ZEHİR DANIŞMA MERKEZİNİN 114 NOLU TELEFONUNU veya doktoru/hekimi arayın. GÖZ İLE TEMASI HALİNDE: Su ile birkaç dakika dikkatlice durulayın. Takılı ve yapması kolaysa, kontak lensleri çıkartın. Durulamaya devam edin. Hemen ULUSAL ZEHİR DANIŞMA MERKEZİNİN 114 NOLU TELEFONUNU veya doktoru/hekimi arayın. Maruz kalınma veya etkileşme halinde İSE: Tıbbi yardım/bakım alın. Yangın durumunda: Söndürme için kuru kum, kuru kimyasal veya alkole dirençli köpük kullanın. Büyük yangın ve büyük miktarlar durumunda: Tahliye alanı. Patlama riskine karşı yanağına uzaktan müdahale edin. Döküntülerini toplayın. İyi havalandırılmış bir alanda depolayanız. Kabı sıkıca kapalı tutun.

ZF 危險 含有: chromium (VI) trioxide [1333-82-0]

可能引起燃燒或爆炸：強氧化劑。吞食有毒。皮膚接觸或吸入致命。造成嚴重皮膚灼傷和眼睛損傷。可能造成皮膚過敏。吸入可能導致過敏或氣喘病症狀或呼吸困難。可能造成遺傳性缺陷。可能致癌。懷疑對生育能力造成傷害。長期或重複暴露會對器官造成傷害。對水生生物毒性非常大並具有長期持續影響。使用前取得說明。在瞭解所有安全防範措施之前切勿處置。遠離熱源、熱表面、火花、明火和其他引火源。禁止抽菸。遠離衣物和其他可燃物質。不要吸入粉塵／煙霧／氣體／霧滴／蒸氣／噴霧。嚴防進入眼中、接觸皮膚或衣服沾染。處置後徹底清洗皮膚。使用本產品時，不得飲食、喝水或抽菸。只能在戶外或通風良好的地方使用。受沾染的工作服不得帶出工作場所。避免排放至環境中。配戴防護手套/防護服/護目用具/防護面具/聽力保護裝備。著防火或阻燃服裝。穿戴呼吸防護具。若不慎吞食：立即呼救毒物諮詢中心或送醫。漱口。若誤吞食：漱口。切勿催吐。如皮膚（或頭髮）沾染：立即脫掉所有沾染的衣物。用水沖洗皮膚。若不慎吸入：移到空氣新鮮處，保持呼吸舒適的體位休息。立即就醫。如進入眼睛：用水小心清洗數分鐘。如戴隱形眼鏡且可方便地取出，取出隱形眼鏡。繼續清洗。立即呼救毒物諮詢中心或求醫。如濺到衣服上：立即將沾染的衣服和皮膚用大量清水沖洗，然後脫掉衣服。如接觸或有疑慮，就醫處理／送診。如發生皮膚刺激或皮疹：就醫處理。立即移除或脫掉所有沾染的衣物，清洗後方可重新使用。火災時：使用乾沙，乾粉或耐醇泡沫滅火。發生大火和大量洩漏的情況下：撤離火場。因有爆炸危險，須遠距離救火。收集溢漏。將容器密封後置於通風良好的地方。加鎖存放。分開存放。將內容物／容器送到核可的廢棄物處理廠處置。

CHROMIUM TRIOXIDE ANHYDROUS UN 1463

1A2/X53/S/19
ZA/+TE7389

Brother CISA (Pty) Ltd
Karbochem Road, Private Bag X6600
Newcastle, 2940, South Africa
Manufacturing Plant: + 27 (0) 34 370 7000
Sales Office: + 27 (0) 34 370 7000
Emergency: + 27 (0) 34 312 1578

危 险

Danger

Made in South Africa
50 kg Net

Brochem

REACH/19/16/0

REACH19/16/7

REACH19/16/14

REACH19/16/21

REACH19/16/28

REACH19/16/35

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CHROMIUM TRIOXIDE CRYSTALS

DE Gefahr Chromtrioxid [1333-82-0]

Kann Brand oder Explosion verursachen; starkes Oxidationsmittel. Giftig bei Verschlucken. Lebensgefahr bei Hautkontakt oder Einatmen. Verursacht schwere Verätzungen der Haut und schwere Augenschäden. Kann allergische Hautreaktionen verursachen. Kann bei Einatmen Allergie, asthmatische Symptome oder Atembeschwerden verursachen. Kann die Atemwege reizen. Kann genetische Defekte verursachen. Kann Krebs erzeugen. Kann vermutlich die Fruchtbarkeit beeinträchtigen. Schädigt die Organe bei längerer oder wiederholter Exposition. Sehr giftig für Wasserorganismen, mit langfristiger Wirkung.

Vor Gebrauch besondere Anweisungen einholen. Von Hitze, heißen Oberflächen, Funken, offenen Flammen und anderen Zündquellen fernhalten. Nicht rauchen. Von Kleidung und anderen brennbaren Materialien fernhalten. Staub /Rauch/ Gas/ Nebel/ Dampf/ Aerosol nicht einatmen. Nicht in die Augen, auf die Haut oder auf die Kleidung gelangen lassen. Freisetzung in die Umwelt vermeiden.

Schutzhandschuhe/ Schutzkleidung/ Augenschutz/ Gesichtsschutz tragen. BEI VERSCHLUCKEN: Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. Mund ausspülen. BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen. BEI EINATMEN: Die Person an die frische Luft bringen und für ungehinderte Atmung sorgen.

Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. BEI Exposition oder falls betroffen: Ärztlichen Rat einholen/ ärztliche Hilfe hinzuziehen. Bei Brand: Trockensand, Löschpulver oder alkoholbeständigen Schaum zum Löschen verwenden. Bei Großbrand und großen Mengen: Umgebung räumen. Wegen Explosionsgefahr Brand aus der Entfernung bekämpfen. Verschüttete Mengen aufnehmen. An einem gut belüfteten Ort aufbewahren. Behälter dicht verschlossen halten. Nur für gewerbliche Anwender.

NL Gevaar chroomtrioxide [1333-82-0]

Kan brand of ontploffingen veroorzaken; sterk oxiderend. Giftig bij inslikken. Dodelijk bij contact met de huid en bij inademing. Veroorzaakt ernstige brandwonden en oogletsel. Kan een allergische huidreactie veroorzaken. Kan bij inademing allergie- of astmasymptomen of ademhalingsmoeilijkheden veroorzaken. Kan irritatie van de luchtwegen veroorzaken. Kan genetische schade veroorzaken. Kan kanker veroorzaken. Wordt ervan verdacht de vruchtbaarheid te schaden. Veroorzaakt schade aan organen bij langdurige of herhaalde blootstelling. Zeer giftig voor in het water levende organismen, met langdurige gevolgen.

Onmiddellijk een ANTIGIFCENTRUM/arts raadplegen. BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen. Onmiddellijk een ANTIGIFCENTRUM/arts raadplegen. NA (mogelijke) blootstelling: een arts raadplegen. In geval van brand: blussen met droog zand of alcoholbestendig schuim. In geval van grote brand en grote hoeveelheden: evacueren. Op afstand blussen omwille van ontploffingsgevaar. Gelekte/gemorste stof opruimen. Op een goed geventileerde plaats bewaren. In goed gesloten verpakking bewaren. Uitsluitend voor gebruik door professionele gebruiker.

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MS Bahaya Mengandungi: chromium (VI) trioxide [1333-82-0]

Boleh menyebabkan kebakaran atau letupan; pengoksida kuat. Toksik jika tertelan. Maut jika terkena kulit atau tersedut. Menyebabkan lecuran kulit dan kerosakan mata yang teruk. Boleh menyebabkan tindak balas alahan kulit. Boleh menyebabkan gejala alahan atau asma atau kesukaran bernafas jika tersedut. Boleh menyebabkan kecacatan genetik. Boleh menyebabkan kanser. Disyaki merosakkan kesuburan. Menyebabkan kerosakan organ melalui pendedahan berpanjangan atau berulang. Sangat toksik kepada hidupan akuatik dengan kesan kekal berpanjangan. Dapatkan arahan khas sebelum menggunakan produk. Jauhkan daripada haba. Jauhkan/simpan jauh daripada pakaian/bahan boleh bakar. Ambil apa-apa langkah berjaga-jaga bagi mengelakkan bercampur dengan bahan boleh bakar. Jangan sedut habuk/ wasap/ gas/ kabus/ wap/ semburan. Jangan biarkan terkena mata, kulit atau pakaian. Basuh kulit sebersih-bersihnya selepas mengendalikan bahan. Elakkan pelepasan bahan ke persekitaran. Pakai sarung tangan pelindung/pakaian pelindung/perlindungan mata/perlindungan muka. Gunakan kelengkapan pelindung diri seperti yang diperlukan. Pakai perlindungan pernafasan.

JIKA TERTELAN: Segera hubungi PUSAT RACUN atau doktor/pakar perubatan. Berkumur. **JIKA TERKENA KULIT:** Basuh perlahan-lahan dengan sabun dan air yang banyak. Segera hubungi PUSAT RACUN atau doktor/pakar perubatan. **JIKA TERKENA KULIT (atau rambut):** Segera tanggalkan/buka semua pakaian yang tercemar. Basuh kulit dengan air/pancuran air. **JIKA TERSEDUT:** Pindahkan mangsa ke kawasan berudara segar dan biarkan mangsa dalam keadaan rehat supaya

MS Bahaya Mengandungi: chromium (VI) trioxide [1333-82-0]

Boleh menyebabkan kebakaran atau letupan; pengoksida kuat. Toksik jika tertelan. Maut jika terkena kulit atau tersedut. Menyebabkan lecuran kulit dan kerosakan mata yang teruk. Boleh menyebabkan tindak balas alahan kulit. Boleh menyebabkan gejala alahan atau asma atau kesukaran bernafas jika tersedut. Boleh menyebabkan kecacatan genetik. Boleh menyebabkan kanser. Disyaki merosakkan kesuburan. Menyebabkan kerosakan organ melalui pendedahan berpanjangan atau berulang. Sangat toksik kepada hidupan akuatik dengan kesan kekal berpanjangan. Dapatkan arahan khas sebelum menggunakan produk. Jauhkan daripada haba. Jauhkan/simpan jauh daripada pakaian/bahan boleh bakar. Ambil apa-apa langkah berjaga-jaga bagi mengelakkan bercampur dengan bahan boleh bakar. Jangan sedut habuk/ wasap/ gas/ kabus/ wap/ semburan. Jangan biarkan terkena mata, kulit atau pakaian. Basuh kulit

The image shows the Brochem logo at the top left. Below it is a large red diamond-shaped hazard pictogram containing six smaller hazard symbols: a flame, hands over a flame, a skull and crossbones, a tree and a dead branch, a person with a splash on their head, and a hand with a splash. To the right of the pictogram is a detailed safety data sheet (SDS) entry for chromium (VI) trioxide.

EN Danger Contains: chromium (VI) trioxide [1333-82-0]

May cause fire or explosion; strong oxidizer. Toxic if swallowed. Fatal in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. Suspected of damaging fertility. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection/ hearing protection. Wear fire resistant or flame retardant clothing. Wear respiratory protection. IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes. IF exposed or concerned: Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Collect spillage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store separately. Dispose of contents/ container to an approved waste disposal plant.

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EN Danger Contains: chromium (VI) trioxide [1333-82-0]

May cause fire or explosion; strong oxidizer. Toxic if swallowed. Fatal in contact with skin or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. Very toxic to aquatic life with long lasting effects. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat. Keep/Store away from clothing/ combustible materials. Take any precaution to avoid mixing with combustibles. Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. Do not get in eyes, on skin, or on clothing. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/ protective clothing/ eye protection/ face protection. Wear fire/ flame resistant/ retardant clothing. Wear respiratory protection.

IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. **IF ON CLOTHING:** rinse immediately contaminated clothing and skin with plenty of water before removing clothes. **IF exposed or concerned:** Get medical advice/ attention. If skin irritation or rash occurs: Get medical advice/ attention. Take off immediately all contaminated clothing and wash it before reuse. **In case of fire:** Use dry sand, dry chemical or alcohol-resistant foam to extinguish. **In case of major fire and large quantities:** Evacuate area. Fight fire remotely due to the risk of explosion. Collect spillage. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/ container to an approved waste disposal plant.