Revision Date: 05 May 2015

Page 1 of 14

SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

As of the revision date above, this (M)SDS meets the regulations in the United Kingdom & Ireland.

1.1. PRODUCT IDENTIFIER

Product Name: EXXON™ BROMOBUTYL RUBBER

Product Description: Isobutylene Copolymer, see Section 16 for applicable grades.

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Intended Use: Adhesive, Automotive Application, Pharmaceutical, Rubber applications

Uses advised against: None unless specified elsewhere in this SDS.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier: ExxonMobil Chemical Belgium

A division of ExxonMobil Petroleum & Chemical

Polderdijkweg 3B B-2030 Antwerpen

Belgium

Phone: 32 3 543 31 11

PVT.LTD.

Local Contact: ExxonMobil Chemical Ltd.

MAILPOINT 88 CADLAND ROAD

HARDLEY, SOUTHAMPTON SO45 3NP HAMPSHIRE

Great Britain

Supplier General Contact: +44 (0)23-8089-3822 / (0)23-8089-5297

E-Mail: sds.uk@exxonmobil.com

1.4. EMERGENCY TELEPHONE NUMBER

24 Hour Environmental / Health Emergency +(44)-8708200418 (CHEMTREC)

Telephone:

SECTION 2 HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF SUBSTANCE OR MIXTURE

Classification according to Regulation (EC) No 1272/2008

Revision Date: 05 May 2015

Page 2 of 14

Not Classified

Classification according to EU Directive 67/548/EEC / 1999/45 EC

Not Classified

2.2. LABEL ELEMENTS

No Label elements according to Regulation (EC) No 1272/2008

2.3. OTHER HAZARDS

Physical / Chemical Hazards:

WARNING: May form combustible dust concentrations in air (during processing/handling). Thermal burn hazard - contact with hot material may cause thermal burns.

Health Hazards:

If dust is generated, it could scratch the eyes and cause minor irritation to the respiratory tract. No adverse effects due to inhalation are expected. When heated, the vapour/fumes given off may cause respiratory tract irritation.

Environmental Hazards:

No significant hazards. Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

SECTION 3

COMPOSITION / INFORMATION ON INGREDIENTS

3.1. SUBSTANCES Not Applicable. This material is regulated as a mixture.

3.2. MIXTURES

This material is defined as a mixture.

Reportable hazardous substance(s) complying with the classification criteria and/or with an exposure limit (OFI)

(OLL)					
Name	CAS#	EC#	Registration#	Concentration*	GHS/CLP classification
2,6-DI-TERT-BUTYL-P-CRESOL	128-37-0	204-881-4	01-2119565113- 46	< 0.15%	Aquatic Acute 1 H400 (M factor 1), Aquatic Chronic 1 H410 (M factor 1)
CALCIUM STEARATE	1592-23-0	216-472-8	NE	1 - 3%	OEL

Note - any classification in brackets is a GHS building block that was not adopted by the EU in the CLP regulation (No 1272/2008) and therefore is not applicable in the EU or in non-EU countries which have implemented the CLP regulation and is shown for informational purposes only.

Revision Date: 05 May 2015

Page 3 of 14

				Concentration*	Phrases
2,6-DI-TERT-BUTYL-P-CRESOL	128-37-0	204-881-4	01-2119565113- 46	< 0.15%	N;R50/53
CALCIUM STEARATE	1592-23-0	216-472-8	NE	1 - 3%	OEL

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Note: See (M)SDS Section 16 for full text of the R-Phrases. See (M)SDS Section 16 for full text of hazard statements.

SECTION 4

FIRST AID MEASURES

4.1. DESCRIPTION OF FIRST AID MEASURES

INHALATION

At ambient/normal handling temperatures, no adverse effects due to inhalation of dust are expected. In case of adverse exposure to vapours and / or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest.

SKIN CONTACT

Wash contact areas with soap and water. For hot product: Immediately immerse in or flush affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.

EYE CONTACT

Flush thoroughly with water. If irritation occurs, get medical assistance.

INGESTION

First aid is normally not required. Seek medical attention if discomfort occurs.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No important symptoms or effects.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

The need to have special means for providing specific and immediate medical treatment available in the workplace is not expected.

SECTION 5

FIRE FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Suitable Extinguishing Media: Use water fog, dry chemical or carbon dioxide (CO2) to extinguish flames.

Unsuitable Extinguishing Media: Straight streams of water

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous Combustion Products: Incomplete combustion products, Smoke, Fume, Flammable hydrocarbons, Oxides of carbon, Hydrogen Bromide

Revision Date: 05 May 2015

Page 4 of 14

5.3. ADVICE FOR FIRE FIGHTERS

Fire Fighting Instructions: Assure an extended cooling down period to prevent re-ignition. Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: Explosion: Avoid generating dust; fine dust dispersed in air in sufficient concentration and in the presence of an ignition source is a potential dust explosion hazard.

FLAMMABILITY PROPERTIES

Flash Point [Method]: Not technically feasible

Upper/Lower Flammable Limits (Approximate volume % in air): UEL: No data available LEL: No

data available

Autoignition Temperature: Not technically feasible

SECTION 6

ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

PROTECTIVE MEASURES

Avoid contact with spilled material. Dust Deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (for example, clearing dust surfaces with compressed air). Prevent dust exposure to ignition sources. For example, use non-sparking tools and prohibit smoking, flares, sparks or flames in immediate area. See Section 5 for fire fighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

6.2. ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Land Spill: Prevent dust cloud. Scrape up spilled material with shovels into a suitable container for recycle or disposal.

Water Spill: Confine the spill immediately with booms.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

Revision Date: 05 May 2015

Page 5 of 14

6.4. REFERENCES TO OTHER SECTIONS

See Sections 8 and 13.

SECTION 7

HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dust from material can accumulate electrostatic charges due to friction from transfer and mixing operations and cause an electrical spark (ignition source). Provide adequate precautions to ignition sources, such as electrical grounding and bonding, inert atmosphere or non-sparking tools. However, bonding and grounds may not eliminate the hazard for static accumulation. Consult local applicable standards for guidance. Refer to NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids and EN 61241, Electrical Apparatus for Use in the Presence of Combustible Dust for safe handling. Avoid elevated temperatures for prolonged periods of time. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid vapour from heated materials to prevent exposure to potentially toxic/irritating fumes. Prevent small spills and leakage to avoid slip hazard. DO NOT handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight.

Loading/Unloading Temperature: [Ambient]

Transport Temperature: [Ambient]
Transport Pressure: [Ambient]

Static Accumulator: This material is not a static accumulator.

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Do not store in open or unlabelled containers.

Storage Temperature: [Ambient]

Storage Pressure: [Ambient]

Suitable Containers/Packing: Wooden Crates; Steel crates; Cardboard Cartons

Suitable Materials and Coatings (Chemical Compatibility): Paper; Wood; Aluminium; Steel

7.3. SPECIFIC END USES: Section 1 informs about identified end-uses. No industrial or sector specific guidance available.

SECTION 8

EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

EXPOSURE LIMIT VALUES

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit/Standard			Note	Source
2,6-DI-TERT-BUTYL-P-CRESOL		TWA	10 mg/m3			UK EH40
2,6-DI-TERT-BUTYL-P-CRESOL		TWA	2 mg/m3			ACGIH
	Inhalable		_			
	fraction					

Revision Date: 05 May 2015

Page 6 of 14

	and				
	vapour				
CALCIUM STEARATE		TWA	10 mg/m3		ACGIH

UK EH40 Workplace Exposure Limits. Exposure limits for use with Control of Substances Hazardous to Health Regulations 2002 (as amended)

Exposure limits/standards for materials that can be formed when handling this product: The supplier recommends the following occupational exposure limits for Bromobutyl Rubber Process (skin):

- * Saturated trihalo-compounds containing at least 2 Bromine atoms, 0.01 ppm
- * Saturated dibromo compounds, 1.0 ppm
- * Unsaturated monobromo compounds, 0.1 ppm
- * Unsaturated dihalo-compounds containing at least 1 Bromine atom, 0.001 ppm

Note: Information about recommended monitoring procedures can be obtained from the relevant agency(ies)/institute(s):

UK Health and Safety Executive (HSE)



8.2. EXPOSURE CONTROLS

ENGINEERING CONTROLS

The level of protection and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider:

SPECIAL PRECAUTIONS: Should significant vapours/fumes be generated during thermal processing of this product, it is recommended that work stations be monitored for the presence of thermal degradation by-products which may evolve at elevated temperatures (for example, oxygenated components). Processors of this product should assure that adequate ventilation or other controls are used to control exposure. It is recommended that the current ACGIH-TLVs for thermal degradation by-products be observed. Contact your local sales representative for further information. It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product are designed and maintained to minimize dust generation and accumulation. Ensure that dust-handling systems (such as exhaust ducts, dusts collectors, vessels, and processing equipment) are designed to minimize the potential for dust ignition and prevent explosion propagation. For example, use explosion relief vents, an explosion suppression system or inert equipment internals. Additional examples of proper equipment include using only appropriately classified electrical equipment and powered industrial trucks.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Revision Date: 05 May 2015

Page 7 of 14

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

Particulate air-purifying respirator approved for dust or oil mist is recommended. European Committee for Standardization (CEN) standards EN 136, 140 and 405 provide respirator masks and EN 149 and 143 provide filter recommendations.

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapour warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

If product is hot, thermally protective, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves. CEN standards EN 420 and EN 374 provide general requirements and lists of glove types.

Eye Protection: If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

If product is hot, thermally protective, chemical resistant apron and long sleeves are recommended.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Revision Date: 05 May 2015

Page 8 of 14

Physical State: Solid

Form: Chunk
Colour: Amber
Odour: None to Mild

Odour Threshold: No data available

pH: Not technically feasible

Melting Point: Not technically feasible **Freezing Point:** Not technically feasible

Initial Boiling Point / and Boiling Range: Not technically feasible

Flash Point [Method]: Not technically feasible

Evaporation Rate (n-butyl acetate = 1): Not technically feasible

Flammability (Solid, Gas): Not technically feasible

Upper/Lower Flammable Limits (Approximate volume % in air): UEL: No data available LEL: No

data available

Vapour Pressure: Not technically feasible
Vapour Density (Air = 1): Not technically feasible
Relative Density: 0.93 [In-house method]

Solubility(ies): water Negligible

Partition coefficient (n-Octanol/Water Partition Coefficient): Not technically feasible

Autoignition Temperature: Not technically feasible **Decomposition Temperature:** No data available

Viscosity: Not technically feasible Explosive Properties: None

Oxidizing Properties: None

9.2. OTHER INFORMATION

Density: 930 kg/m3 (7.76 lbs/gal, 0.93 kg/dm3) [In-house method]

Hygroscopic: No

SECTION 10 STABILITY AND REACTIVITY

10.1. REACTIVITY: See sub-sections below.

10.2. CHEMICAL STABILITY: Material is stable under normal conditions.

10.3. POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization will not occur.

10.4. CONDITIONS TO AVOID: Avoid elevated temperatures for prolonged periods of time.

10.5. INCOMPATIBLE MATERIALS: No data available

10.6. HAZARDOUS DECOMPOSITION PRODUCTS: Material does not decompose at ambient temperatures.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Revision Date: 05 May 2015

Page 9 of 14

Hazard Class	Conclusion / Remarks				
Inhalation	Oncido on A Romania				
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on chemical structure (polymers).				
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.				
Ingestion					
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on chemical structure (polymers).				
Skin					
Acute Toxicity: No end point data for material.	Minimally Toxic. Based on chemical structure (polymers).				
Skin Corrosion/Irritation: No end point data for material.	Negligible irritation to skin at ambient temperatures. Based on chemical structure (polymers).				
Eye					
Serious Eye Damage/Irritation: No end point data for material.	May cause mild, short-lasting discomfort to eyes. Based on chemical structure (polymers).				
Sensitisation					
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.				
Skin Sensitization: No end point data for material.	Not expected to be a skin sensitizer. Based on chemical structure (polymers).				
Aspiration: No end point data for material.	Not expected to be an aspiration hazard. Based on physico-chemical properties of the material.				
Germ Cell Mutagenicity: No end point data for material.	Not expected to be a germ cell mutagen. Based on chemical structure (polymers).				
Carcinogenicity: No end point data for material.	Not expected to cause cancer. Based on chemical structure (polymers).				
Reproductive Toxicity: No end point data for material.	Not expected to be a reproductive toxicant. Based on chemical structure (polymers).				
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.				
Specific Target Organ Toxicity (STOT)	LET'S GO. LET'S GROW				
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.				
Repeated Exposure: No end point data for material.	Not expected to cause organ damage from prolonged or repeated exposure. Based on chemical structure (polymers).				

TOXICITY FOR SUBSTANCES

NAME	ACUTE TOXICITY		
2,6-DI-TERT-BUTYL-P-CRESOL	Oral Lethality: LD 50 0.89 g/kg (Rat)		

OTHER INFORMATION

For the product itself:

Elevated temperatures or mechanical action may form vapours, mists or fumes which may be irritating to the eyes and respiratory tract.

Dust may be irritating to eyes and respiratory tract.

Contains:

Additives that are encapsulated in the polymer. Under the normal conditions for processing and use of this polymer the encapsulated additives are not expected to pose any health hazard. However, grinding of the polymer is not recommended without the use of appropriate measures to control exposure (see Section 8 - Engineering Controls).

Revision Date: 05 May 2015

Page 10 of 14

SECTION 12

ECOLOGICAL INFORMATION

The information given is based on data available for the material, the components of the material, and similar materials.

12.1. TOXICITY

Material -- Not expected to be harmful to aquatic organisms.

Material -- Not expected to be harmful to terrestrial organisms.

12.2. PERSISTENCE AND DEGRADABILITY Not determined.

12.3. BIOACCUMULATIVE POTENTIAL Not determined.

12.4. MOBILITY IN SOIL

Material -- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

12.5. PERSISTENCE, BIOACCUMULATION AND TOXICITY FOR SUBSTANCE(S)

This product is not, or does not contain, a substance that is a PBT or a vPvB.

12.6. OTHER ADVERSE EFFECTS

No adverse effects are expected.



SECTION 13

DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

13.1. WASTE TREATMENT METHODS

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

REGULATORY DISPOSAL INFORMATION

European Waste Code: 07 02 99

NOTE: These codes are assigned based upon the most common uses for this material and may not reflect contaminants resulting from actual use. Waste producers need to assess the actual process used when generating the waste and its contaminants in order to assign the proper waste disposal code(s).

Revision Date: 05 May 2015

Page 11 of 14

SECTION 14 TRANSPORT INFORMATION

LAND (ADR/RID): 14.1-14.6 Not Regulated for Land Transport

INLAND WATERWAYS (ADNR/ADN): 14.1-14.6 Not Regulated for Inland Waterways Transport

SEA (IMDG): 14.1-14.6 Not Regulated for Sea Transport according to IMDG-Code

SEA (MARPOL 73/78 Convention - Annex II):

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not classified according to Annex II

AIR (IATA): 14.1-14.6 Not Regulated for Air Transport

SECTION 15

REGULATORY INFORMATION

REGULATORY STATUS AND APPLICABLE LAWS AND REGULATIONS

Listed or exempt from listing/notification on the following chemical inventories: TSCA

PVT. LTD. LET'S GO. LET'S GROW

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Applicable EU Directives and Regulations:

1907/2006 [... on the Registration, Evaluation, Authorisation and Restriction of Chemicals ... and amendments thereto]

1272/2008 [on classification, labelling and packaging of substances and mixtures.. and amendments thereto]

15.2. CHEMICAL SAFETY ASSESSMENT

REACH Information: A Chemical Safety Assessment has been carried out for one or more substances present in the material.

Revision Date: 05 May 2015

Page 12 of 14

SECTION 16

OTHER INFORMATION

REFERENCES: Sources of information used in preparing this SDS included one or more of the following: results from in house or supplier toxicology studies, CONCAWE Product Dossiers, publications from other trade associations, such as the EU Hydrocarbon Solvents REACH Consortium, U.S. HPV Program Robust Summaries, the EU IUCLID Data Base, U.S. NTP publications, and other sources, as appropriate.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

Acronym Full text
N/A Not applicable
N/D Not determined
NE Not established

VOC Volatile Organic Compound

AICS Australian Inventory of Chemical Substances

AIHA WEEL American Industrial Hygiene Association Workplace Environmental Exposure Limits

ASTM ASTM International, originally known as the American Society for Testing and Materials (ASTM)

DSL Domestic Substance List (Canada)

EINECS European Inventory of Existing Commercial Substances
ELINCS European List of Notified Chemical Substances

ENCS Existing and new Chemical Substances (Japanese inventory)

IECSC Inventory of Existing Chemical Substances in China

KECI Korean Existing Chemicals Inventory
NDSL Non-Domestic Substances List (Canada)
NZIOC New Zealand Inventory of Chemicals

PICCS Philippine Inventory of Chemicals and Chemical Substances

TLV Threshold Limit Value (American Conference of Governmental Industrial Hygienists)

TSCA Toxic Substances Control Act (U.S. inventory)

UVCB Substances of Unknown or Variable composition, Complex reaction products or Biological materials

LC Lethal Concentration

LD Lethal Dose
LL Lethal Loading
EC Effective Concentration
EL Effective Loading

NOEC No Observable Effect Concentration
NOELR No Observable Effect Loading Rate

KEY TO THE RISK CODES CONTAINED IN SECTION 2 AND 3 OF THIS DOCUMENT (for information only):

R50/53; Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

KEY TO THE H-CODES CONTAINED IN SECTION 3 OF THIS DOCUMENT (for information only):

Aguatic Acute 1 H400: Very toxic to aguatic life; Acute Env Tox, Cat 1

Aquatic Chronic 1 H410: Very toxic to aquatic life with long lasting effects; Chronic Env Tox, Cat 1

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Revision Changes:

Section 16: Materials Covered information was modified.

Section 15: REACH Chemical Safety Assessment statement information was modified.

Section 11: Aspiration Test Data information was modified.

Section 09: Relative Density information was modified.

Revision Date: 05 May 2015

Page 13 of 14

Section 09: Density kg/m3(lbs/gal) information was modified.

Composition: CAS Number information was added.

Composition: Concentration - Header information was added. Section 16: RCode Key - Header information was added. Composition: Concentration Footnote information was added.

Composition: Substance or Complex Substance Name information was added.

Section 16: RCode Key information was added. Composition: Footnotes information was added.

Composition: Component Table for REACH information was added.

Composition: Component Table information was added.

Composition: EU REACH Registration Number information was added.

Composition: EC# information was added.

Composition: Symbol/Risk Phrase Header information was added.
Section 11 Substance Toxicology table information was added.
Section 11 Substance Name - Header information was added.
Section 11 Acute Toxicity data - Header information was added.
Section 11 Substance Toxicity table - Header information was added.

Composition: Substance or Complex Substance Name information was added.

Composition: CAS Number information was added.

Composition: EC Number - Header information was added.

Composition: EU REACH Registration Number information was added.

Composition: Concentration - Header information was added.

Hazard Identification: Section 3 Footnotes for CLP tables information was added. Composition: Substances Table(s) - Header - Disclosure information was added.

Section 16: HCode Key information was added.

Section 16: HCode Key - Header information was added.

Composition: Symbol/Risk Phrase Header information was added.

Section 08: Exposure Limit Values - Header information was added.

Section 08: OEL Table - Form Column - Header information was added.

Section 08: OEL Table - Limit Column - Header information was added.

Section 08: OEL Table - Notation Column - Header information was added.

Section 08: OEL Table - Source Column - Header information was added.

Section 08: OEL Table - Substance Name Column - Header information was added.

Section 08: Exposure Limits Table information was added.

Section 08: Exposure Limit Values - Header information was added.

Section 08: Legal Basis information was added.

Composition: No components information was deleted.

Section 15: Section 15 CLP Footnotes information was deleted.

Article 31 statement information was deleted.

THIS SDS COVERS THE FOLLOWING MATERIALS: Bromobutyl rubbers for which the grade name consists of a base polymer designated by the prefix EXXON BROMOBUTYL that may or may not be followed by the suffix referring to a product description. The base grade name followed by the following designation: | 2211 | 2222 | 2235 | 2244 | 2255 | 7211 | 7244 | Suffix: | LOW BHT | OFF-SPEC | REPRO | STD

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Revision Date: 05 May 2015

Page 14 of 14

included with and/ay on the container. Assumption we had not be welling as and a few and the second and the sec

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Internal Use Only MHC: 0, 0, 0, 0, 0, 0

DGN: 4408984JGB (1005624)

.....

ANNEX

Annex not required for this material.

