



Hazard Communication for the Middle East and Africa: Egypt, South Africa, Israel & Turkey

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Presenter:

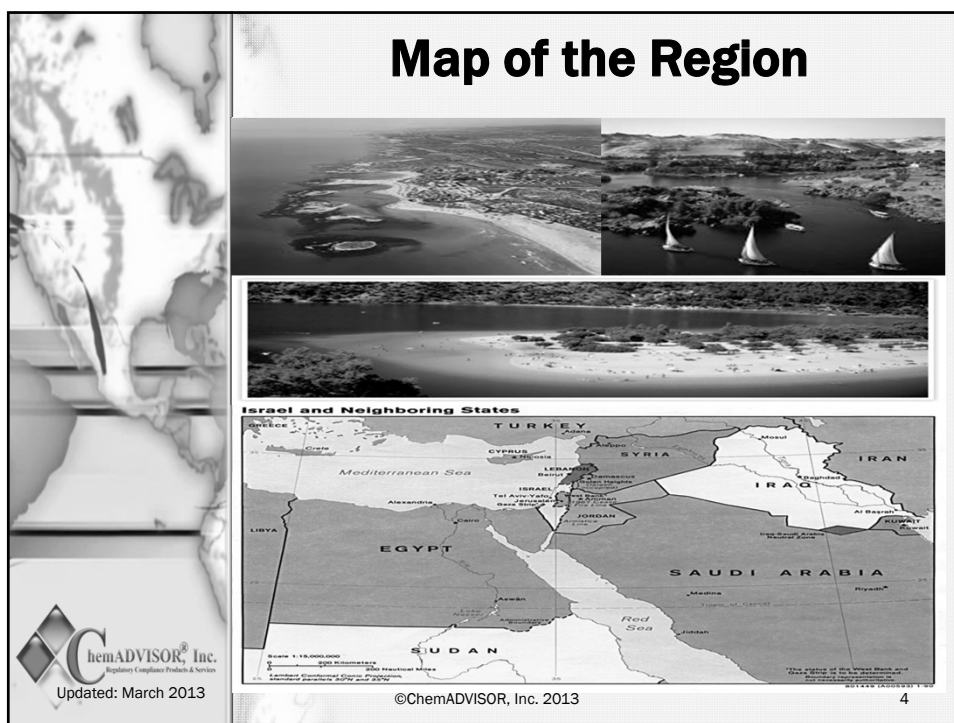


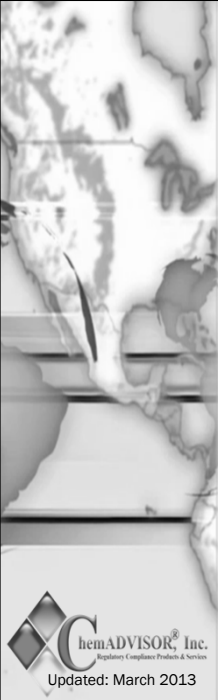
Patricia Manteghi
Regulatory Compliance Specialist
ChemADVISOR Inc.
Pittsburgh, PA, USA

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pmanteghi@chemadvisor.com

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Regulatory Framework

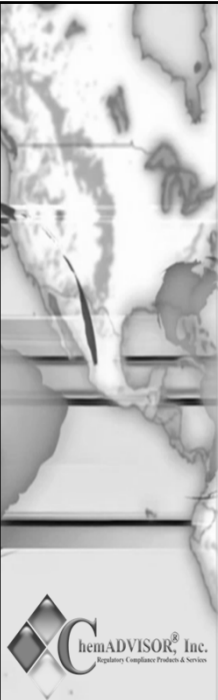
- Egypt Environmental Affairs Agency (EEAA), under the Ministry of State of Environmental Affairs (MSEA) is responsible for control of chemical in Egypt.
- Actively engaged in efforts towards the sound management of chemicals with a National Implementation Plan (NIP) developed (1999)
- Environmental Law No. 4 and its Executive Regulation issued in 1994 with latest amendment issued as Law No. 9 of 2009

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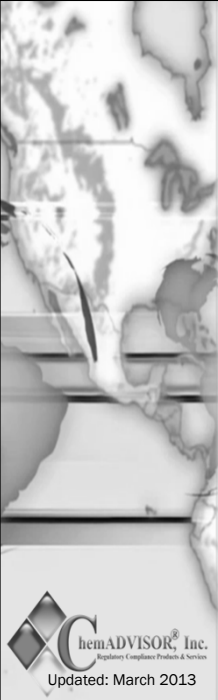
EHSIMS

- The EEAA has established a National Hazardous Substances Information and Management System (EHSIMS) with the following goals:
 - Promoting the safe handling of hazardous substances
 - Consolidate the procedure for obtaining licenses for hazardous substances which engages seven ministries (Agriculture, Industry, Health, Interior, Petroleum, Electricity, Environmental affairs)
 - Administer guidance for safe storage, transport, packaging and labeling of hazardous substances.



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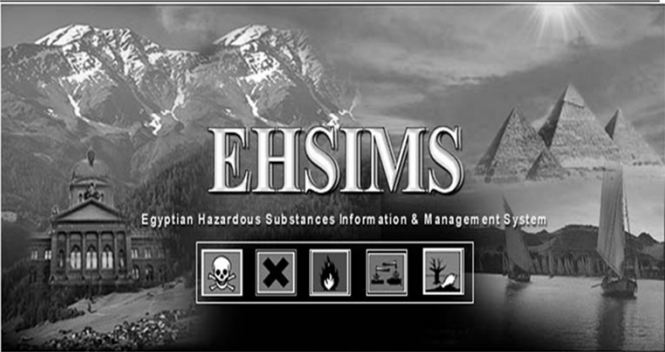
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EHSIMS


**Egyptian Hazardous Substances
Information & Management System**


[Hazardous Substances System](#) | [Hazardous Wastes](#) | [Events](#) | [Presentations](#) | [Site Map](#) | [Contact Us](#)

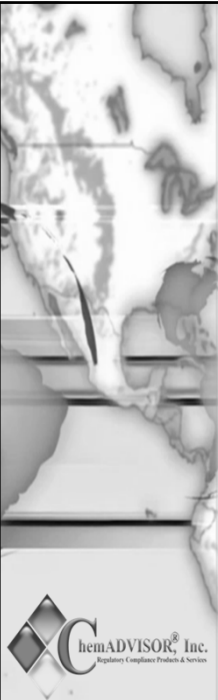


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Site Designed by EEAA and Look IT

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EHSIMS - Contents

- Database of chemicals which contains guidelines for handling hazardous substances:
http://www.eeaa.gov.eg/ehsims/main/hs_service_s_guidelines_search.asp
- Unified permitting form (as required by article 29 of Law 5/1994 and article 26 of its Executive Regulations):
http://www.eeaa.gov.eg/ehsims/main/hs_service_s_permitform.asp
- Emergency response sheets (ERS):
www.eeaa.gov.eg/ehsims/main/hs_services_ers.asp

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Emergency Response Sheet (ERS)

- ERS are documents that provide summaries of the applicable emergency information concerning the potential effects of the hazardous substances on human health and environment.
- It is mainly a guide to help first responders with a way to identify the specific or generic hazards of the substances involved in the incident quickly, as well as protecting themselves and the general public during the initial response phase of the incident.



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Emergency Response Sheet (ERS)

POTENTIAL HAZARDS

HEALTH
Toxic: inhalation, ingestion, or contact (skin, eyes) with vapors, dusts or substance may cause severe injury, burns, or death.
Reaction with water or moist air will release toxic, corrosive or flammable gases.
Reaction with water may generate much heat, which increase the concentration of fumes in the air.
Fire will produce irritating, corrosive and/or toxic and cause pollution
FIRE OR EXPLOSION
Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

Vapors may accumulate in confined areas (basement, tanks, hopper / tanks cars etc.).
Substance will react with water (some violently), releasing corrosive and/or toxic gases.
Reaction with water may generate much heat, which will increase the concentration of fumes in the air.
Contact with metals may evolve flammable hydrogen gas. Containers may explode when heated or if contaminated with water.

PUBLIC SAFETY

CALL Emergency Response Telephone Number on Shipping Paper First. If Shipping Paper not on hand, refer appropriate telephone number listed on the inside back cover.
Isolate spill or leak area immediately for at least 50 to 100 meters (150 to 330 feet) in all directions.
Keep unauthorized personnel away.
Stay upwind.
Keep out of low areas.
Ventilate enclosed areas.

PROTECTIVE CLOTHING

Wear positive pressure self-contained breathing apparatus (SCBA).
Wear chemical protective clothing, which is specifically recommended by the manufacturer.
Structural firefighter's protective clothing is recommended for situations ONLY; it is not effective in spill situations.

EVACUATION

Spill
See the -Table of Initial Isolation and Protective Action Distances- for highlighted substances.
For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under PUBLIC SAFETY.

Fire
If tank, rail car or tank truck is involved in a fire ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

EMERGENCY RESPONSE

FIRE

Note
Most foams will react with the material and release corrosive / toxic gases.
Small Fires
• CO₂ (except for Cyanides), dry chemical, dry sand, alcohol-resistant foam.

Large fires

- Water spray, fog or alcohol -resistant foam.
- Move containers from fire area if you can do it without risk.
- Do not use straight streams.
- Dike fire control water for later disposal; do not scatter the material.

Fire involving Tanks or Car / Trailer Loads

- Fight fire from maximum distance or use unmanned hose holders or monitor nozzles.
- Do not get water inside containers.
- Cool containers with flooding quantities of water until well after fire is out.

- Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank.
- ALWAYS stay away from the ends of tanks.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking), flares, sparks or flames in immediate area.
- All equipment used when handling the product must be grounded.
- Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.
- Stop leak if you can do it without risk.
- A vapor suppressing foam may be used to reduce vapors.
- DO NOT GET WATER INSIDE CONTAINERS.
- Use water spray to reduce vapors or divert vapor cloud drift.
- Prevent entry into waterways, sewers, basements or confined areas.
- Small Spills Cover with DRY earth, DRY sand, or other non-combustible material followed with plastic sheet to minimize spreading or contact with rain.
- Use clean non-sparking tools to collect material and place it into loosely covered plastic containers for later disposal.



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Emergency Response Sheet (ERS)

FIRST AID

- Move victim to fresh air. Call emergency medical care.
- Apply artificial respiration if victim is not breathing.
- Do not use mouth-to-mouth method if victim ingested or inhaled the substance; include artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- For minor skin contact, avoid spreading material on unaffected skin.
- Keep victim warm and quiet.
- Effects of exposures (inhalation, ingestion or skin contact) to substance may be delayed.
- Ensure that medical personnel are aware of the material (s) involved, and take precautions to protect themselves.
- Give demulcents as cold milk, egg white by mouth.
- Give petroleum to relief severe pain.
- Give dextrose 5% and saline 0.9% 500 ml I.V. to correct fluid and electrolyte imbalance.
- Steroids should be started immediately by giving 0.1 mg/kg body weight or give prednisone 1-2 mg/kg body weight, this should be continued for 3 weeks and then diminish the dose gradually.
- Give antitoxins if there are specific indications for it.
- NEVER give carbonate or bicarbonate.
- NEVER induce emesis.
- NEVER do gastric lavage.
- NEVER give weak alkalis as calcined magnesite or lime water by mouth because they produce exothermic reaction heat more destruction of the tissues

DISPOSAL AND WASTE TREATMENT

- Add slowly to a large amount of solution of soda ash and a label lime by stirring.
- Discharge the solution with large amount of water into a sink lined with protective matting and filled with shipped marble.

Arab Republic of Egypt
Cabinet of Ministers
Egyptian Environmental Affairs Agency



HAZARDOUS SUBSTANCES INFORMATION & MANAGEMENT SYSTEM HSIMS

Nitric Acid



Cas No: 7697-37-2
UN No: 2031

Toxic
Corrosive
Non flammable
Water Sensitive

Emergency Numbers

• **EEAA Emergency Room:**
TEL: 00202-52564912
Fax: 00202-5256494

• **Corrosive Poisoning Center:**
Ain Shams TEL: 00202-4828212
00202-4823314

Alexandria TEL: 00203-4822244

• **Civil Defense:**
TEL: 00202-4014097



EHSIMS Portal

Egyptian Hazardous Substances Information & Management System

Navigation: Hazardous Substances System | Hazardous Wastes | Events | Presentations | Site Map | Contact Us

Hazardous Substances

الترتيب 1: المتفجرات

مقدمة:

(أ) **المادة المتفجرة:** هي مادة صلبة أو سائلة ، (أو خليط من المواد تولد في حد ذاتها) نتيجة تفاعل كيميائي عازلة لها درجة حرارة وضغط بسرعة تنرب عليها حدوث اضرار بالمنطقة المحيطة ، ويترج تحت هذا التعريف مواد الصواريخ البارية حتى لو لم تولد عنها عازرات

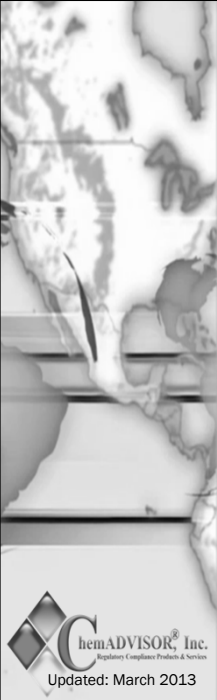
(ب) **مواد الصواريخ البارية:** هي مواد أو مخاليط من مواد العرض منها احدثات تأثير حراري أو صوتي أو صوتي أو توليد غاز أو دخان أو مجموعة من هذه التأثيرات نتيجة لتفاعلات كيميائية غير متحكم فيها طاردة للحرارة وذاتية المدافعة

تقسم الرتبة 1 إلى سبت شئب:

الفئة 1.1: المواد التي تتسم بمخاطر انفجار شامل
الاصحاح الشامل هو الذي يحدث في الشحنة بأكملها في آن واحد تقريباً

مثل ، سكرات أموسوم جاف أو مرطب بالماء بنسبة وزنية أقل من 10%
• طلفات للأسلحة مع حشوة منفجرة
• قنبل تفجير مرز
• نفايات نيزو بوز سينول جاف أو مرطب بالماء بنسبة وزنية أقل من 15%
• هكسوليت
• فلهيمات الرئقي
• نيزو جلسرين في محلول كحولى به أكثر من 10%
• ثلاثي نيزو طولون (ت.ت.ت) جاف أو مرطب بالماء بنسبة وزنية أقل من 30%
• حمض ثلاثي نيزو بروبك جاف أو رطب بالماء بنسبة وزنية أقل من 30%

الترتيب 1: المتفجرات
الترتيب 1.2: القارات
الترتيب 1.3: السوائل القابلة للاشتعال
الترتيب 1.4: المواد القابلة للاشتعال للاشتعال
الترتيب 1.5: المواد المؤكسدة
الترتيب 1.6: المواد السامة والمواد المعدية
الترتيب 1.7: المواد المشعة
الترتيب 1.8: المواد الأكسدة
الترتيب 1.9: مواد خطرة مسوسة



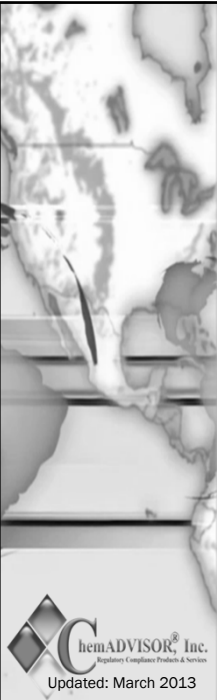
Physical Hazard Categories

- Explosive (6 divisions)
- Gas (3 divisions)
- Flammable (2 divisions)
- Flammable solid (3 divisions)
- Oxidizing (2 divisions)
 - Oxidizing substances
 - Organic peroxides
- Hazardous (2 divisions)
 - Poisonous
 - Infectious
- Radioactive
- Corrosive/irritant
- Dangerous to the aquatic environment

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Labeling Elements

- Contents, active substance and concentration
- Total and net weight
- Name of producer, date of production and production number
- Nature of danger and symptoms of toxicity
- First aid procedures
- Safe method of opening, emptying and using container
- Safe storage method
- Method of disposal of empty containers

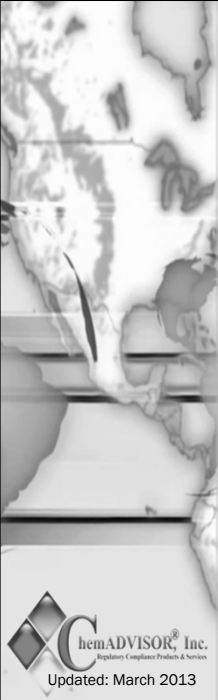
The hazard symbol follow the UN symbols with an Arabic word below the pictogram

The label has to be in Arabic language.

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Relevant Decrees

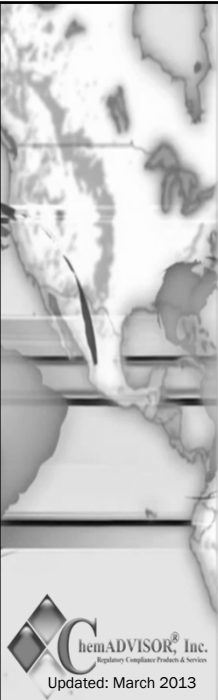
- Law number 499/1995 authorizes the Ministry of Industry as the responsible agency for the handling of industrial chemicals
- Decree number 138/1958 amended by Decree 91/1059 and is administered by the Ministry of Industry, regulates importing, handling & using of chemicals



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GHS

- Working on enacting legislation at the national level in line with GHS
- Getting support from United Nations Environmental Program (UNEP) to improve customs infrastructure
- Require technical support from UNEP:
 - Development of a chemical database
 - Training on GHS implementation
 - Issuing of GHS guidelines



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Resources - Egypt

- Official Gazette (Ministry of Trade and Industry):
<http://www.mfti.gov.eg/english/affiliates/industry/app/services.htm>
- Basel Convention Regional Centre for Training and Technology Transfer for Arab States - Egypt: <http://www.bcrc-egypt.org/en/>
- Federation of Egyptian Industries: <http://www.fei.org.eg/> (Arabic)
- Egypt Chamber of Chemical Industries: <http://cci-egy.com/>

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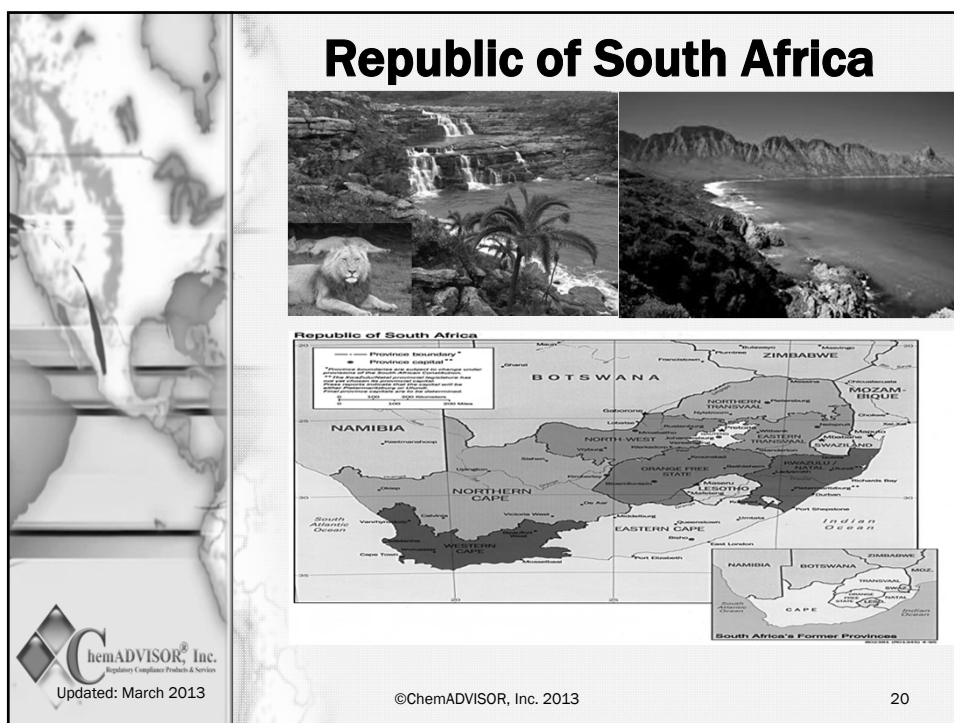
Resources - Egypt

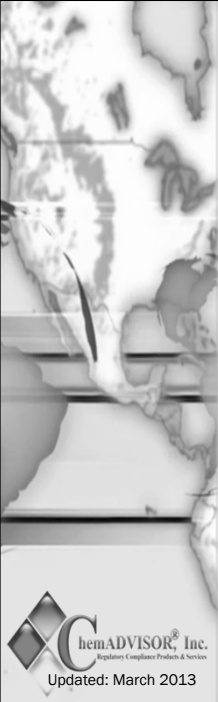
- Egypt Ministry of Industry:
<http://www.mfti.gov.eg/index.asp>
- Egypt National Institute of Occupational Safety and Health(NIOSH):
<http://www.icpsr.org.ma/?Page=showInstitute&InstituteID=NIOSH444&CountryID=Egypt>
- Egyptian Environmental Affairs Agency (EEAA): <http://www.eeaa.gov.eg/>
- Egyptian Hazardous Substances Information and Management System:
<http://www.eeaa.gov.eg/ehsims/>

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Regulatory Framework

- International Trade Administration Act, 71 of 2002
- Hazardous Substances Act no.15 of 1973
- Safety & Health of workers (Occupational Health and Safety Act) of 1993
- The Department of Agriculture, Forestry and Fisheries (DAFF) and the Department of Environmental Affairs (DEA) and Department of Labor (DOL) are the branches of government that are responsible for environmental health and safety legislations.

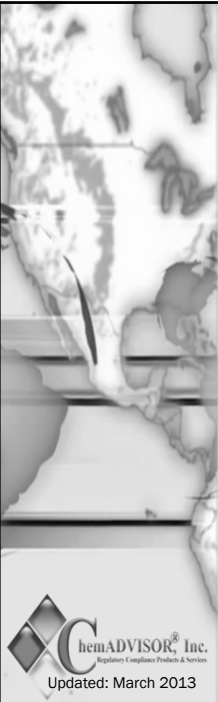


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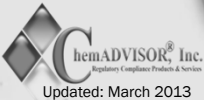


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International Trade Administration ACT 71, 2002

- International Trade Administration Commission (ITAC) is the authorized body to control import of chemicals which conform to the provisions of the Montreal Protocol and the 1988 United Nations Convention Against Illicit Traffic in Narcotic Drugs and Psychotropic substances
- Letter of recommendation from the SA Police Service (SAPS) & the Department of Environmental Affairs (DEA).
- Applications must be submitted via e-mail, mail, or in person, before import
- Custom charges may apply, although there is no registration fees.

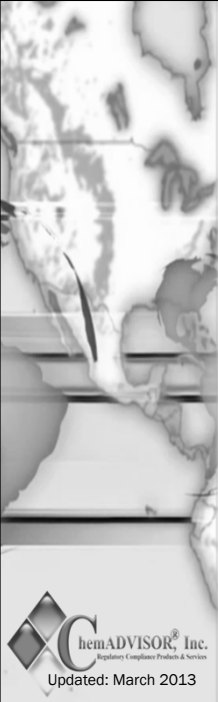


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Hazardous Substances Act

- Group I and Group II are hazardous substances or mixtures (toxic, corrosive, irritant, strongly sensitizing, flammable, or generating pressure through decomposition or heat);
- Group III are a defined set of electronic products
- Group IV substances are “fabricated radio-isotopes” as defined as “nuclear-hazard material” in section 1 of the Nuclear Energy Act, outside of a power plant, intended for medical, scientific, agricultural, commercial or industrial use

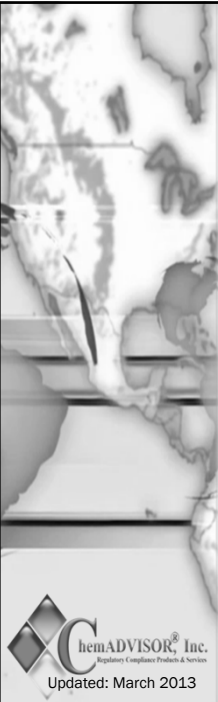


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Hazardous Substances Act

- A license is required for sale of Group I substances and/or for sale, use, or application or installation of Group III substances.
- A license is required to manufacture, purchase, discard, import/export, hold, use or transport any Group IV substance. There is a fee for the authorization of such activities covered by the license.
- The license may be granted indefinitely or with an expiry date.
- Group II hazardous substances do not require license



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Hazard Communication

- A 16 section MSDS must be provided free of charge for all hazardous chemical substances
- SANS 11014-1(2010) Safety data sheet for chemical products - Content and order of Sections (recommended)
- SANS - 10234 (2008) Globally Harmonized System of Classification and Labeling of Chemicals (1st edition of purple book)(recommended)
- Implementation of UN-GHS in progress



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Resources

- [Department of labour](http://www.labour.gov.za/DOL/legislation/acts/occupational-health-and-safety/occupational-health-and-safety-act-and-amendments)
- <http://www.labour.gov.za/DOL/legislation/acts/occupational-health-and-safety/occupational-health-and-safety-act-and-amendments>

The screenshot shows the Department of Labour website for the Republic of South Africa. The page is titled "Occupational Health and Safety Act and Amendments". It includes a navigation menu with links like "Home", "About Us", "Contacts", "Services", "Media Desk", "Tenders", and "Vacancies". The main content area provides information about the Occupational Health and Safety Act, including its purpose, application, and a link to the full text. There is also a "Download" section with links to the Occupational Health and Safety Act and the Occupational Health and Safety Amendment Act. A sidebar on the right contains a "News" section with recent updates.

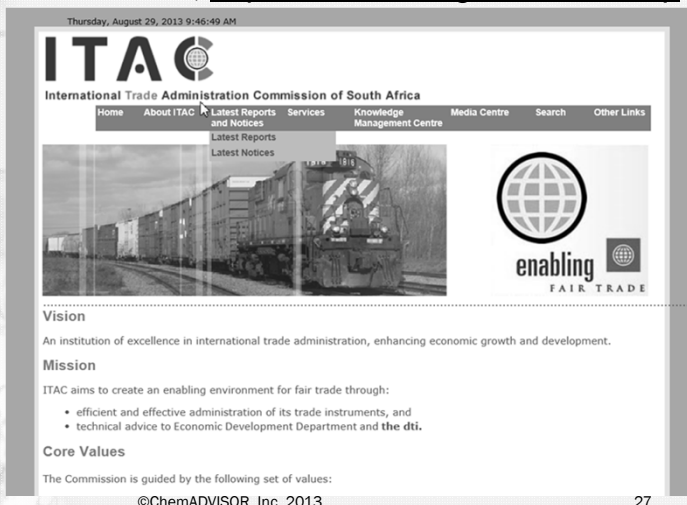


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Resources

- International trade administration commission of South Africa, <http://www.itac.org.za/default.asp>



Resources

- South African Government Information <http://www.info.gov.za/view/DynamicAction?pageid=528> ^{DS14}





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Resources

- South African Bureau of Standards (SABS)
<https://www.sabs.co.za/index.asp> DS15

SABS

SABS eCommittees

Buy a standard

Search the site

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OVERVIEW

VISION AND MISSION

BOARD MEMBERS

EXECUTIVE MANAGEMENT

CORPORATE GOVERNANCE

BBBEE

ANNUAL REPORTS



GIVING YOU THE QUALITY EDGE

In the past few years, significant changes in global trade flows have enhanced the role of quality and standards in economic development. These global trade flows have resulted in subdued demand for South African exports to traditional trading partners, including the European Union and the United States of America. This creates the opportunity for South Africa to shift its focus to emerging economies while maintaining its drive towards improving trade within the African continent.

This is achieved by developing relevant standards that promote access to markets, while protecting local industry from low quality, cheap imports. The South African Bureau of Standards (SABS) supports governments Industrial Policy Action Plan (IPAP), which promotes the localisation of production and addresses the current economic trends.

View of SABS resources the standards for meeting customer and market needs which is the key differentiator for us

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☒ SABS CERTIFIED PRODUCTS

☒ SABS CLIENTS

JUST PUBLISHED

SANS 1191: High penetration-resistant laminated safety glass for vehicles

BESTSELLER

SANS 204: Energy efficiency in buildings

CONTACT US

Click here to send us your

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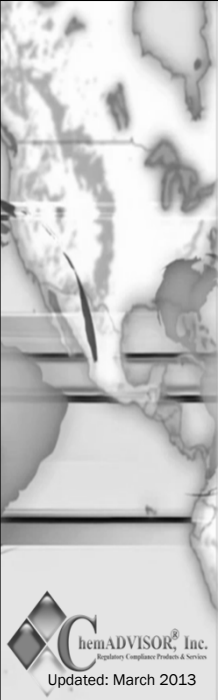


Israel



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Regulatory Framework

Hazardous Substances Law (1993, 1997)

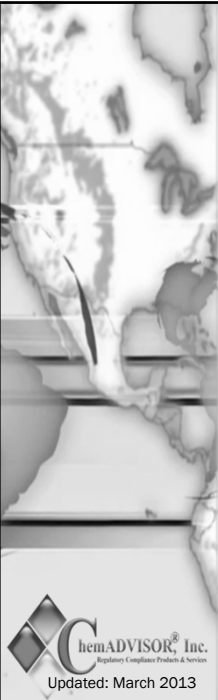
- Safety at Work Regulation (Material Safety Data Sheets) 1998 but last amended in November 8, 2011 (No: 2181)
- Labor Inspection Regulation (Occupational and Biological Monitoring of those Working with Hazardous Factors), 1990 but was repealed and replaced by a new regulation issued in August 29, 2011 (No: 7028)
- Administered by the Ministry of the Environment & Labor
- www.sviva.gov.il/Environment/Static/Binaries/Articals/hazardous_substances_law_1993_1.pdf
- www.sviva.gov.il/Environment/Static/Binaries/Articals/Work_safety_regulations_safety_data_sheets_1998_1.pdf
- <http://www.justice.gov.il/NR/rdonlyres/5FBD2D0C-0802-4260-BE4F-048BD078E144/29968/7028.pdf>



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Safety at Work Regulation

SDS, Classification, Packing and Labeling and Marking of Packages

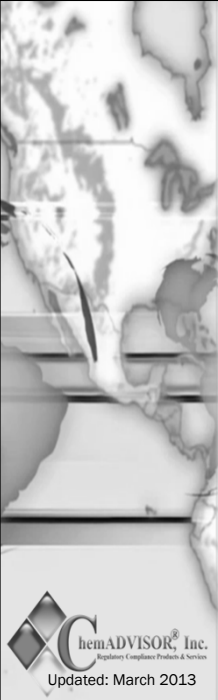
- Israel Standard SI 2302 (issued in 2004; updated in 2009; next revision expected in 2014)
- Part 1: Dangerous substances & preparations: sorting, packaging, labeling (Adopts EU Directive 67/548/EEC and 1999/45/EC)
- Part 2: Dangerous substances & preparations: Transportation- sorting, packaging & labeling (The orange book)
- The regulations are based on the standards developed by the International Standard Organization, the American National Standards Institute and the guidelines of the European Commission.



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SDS, Classification, Packing and Labeling and Marking of Packages

- 16 Sections
- Hebrew or English
- Upon significant revision, MSDS must be redistributed to any one who has received it within 12 months prior

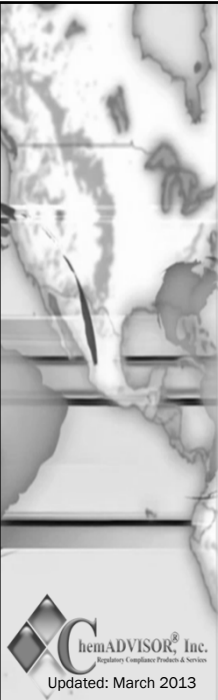


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Hazardous Substances Law of 1993

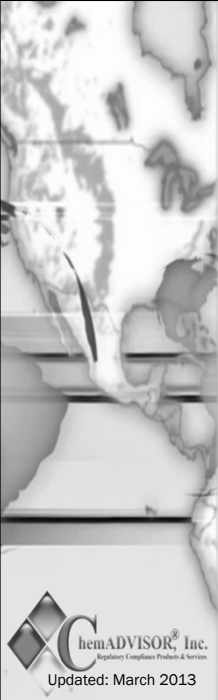
- Harmful chemicals which are listed in Schedule One (29 chemicals)
- Poisons which are listed in Schedule Two (219 chemicals plus 286 chemicals listed in Schedule I to the 1996 Hazardous Substances Ordinance (Classification and Exemption))



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GHS

- Situational analysis in progress
- Not yet incorporated into Israeli laws or standards
- GHS has begun to be used primarily by exporters
- All transported hazardous substances are marked according to the GHS system of Classification and Labeling of Chemicals

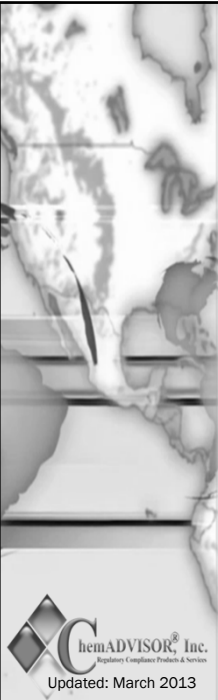


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References

SI 2302

- Available through the Israeli Standards Institute

www.sii.org.il/20-EN/SII_EN.aspx



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Resources

- Israel Ministry of Environmental Protection
www.sviva.gov.il/Enviroment/Static/Binaries/Articals/hazardous_substances_law_1993_1.pdf

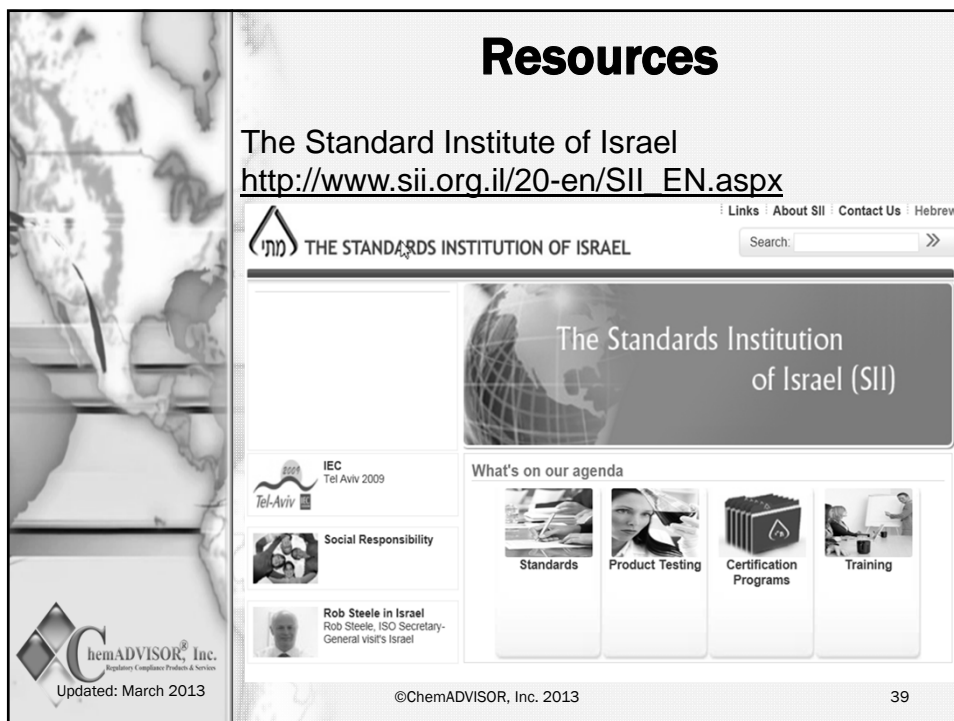
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Resources

Israel institute for Occupational Safety & Hygiene

http://www.osh.org.il/site/english_main.html

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Resources

The Standard Institute of Israel
http://www.sii.org.il/20-en/SII_EN.aspx

THE STANDARDS INSTITUTION OF ISRAEL

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The Standards Institution of Israel (SII)

What's on our agenda

- Standards
- Product Testing
- Certification Programs
- Training

IEC Tel Aviv 2009

Social Responsibility

Rob Steele in Israel
 Rob Steele, ISO Secretary-General visits Israel

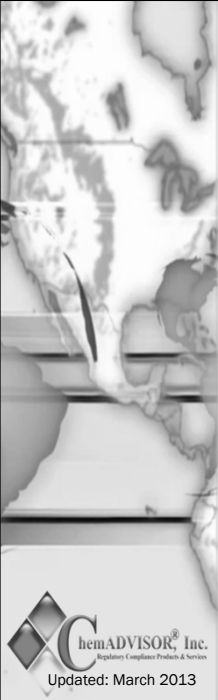
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Turkey


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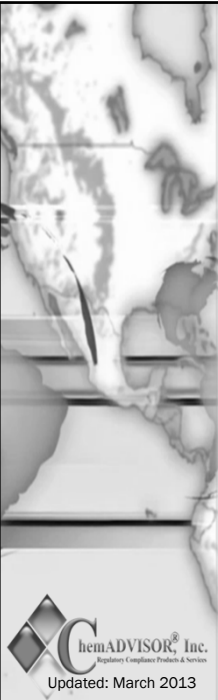
Regulatory Framework

- Regulation of Inventory and Control of Chemicals (December 26, 2008, last amendment on May 23, 2010)
- Regulation on Authoring & Distribution of Safety Data Sheets for Hazardous Substances & Preparations (December 26, 2008)
- Regulation on Classification, Labeling & Packaging of Hazardous Substances & Preparations (December 26, 2008 & DRAFT)
- Regulation on Restrictions for the Manufacture, Marketing and Use of certain Dangerous Substances & Preparations (December 26, 2008)
- Regulation on Control of Large-scale Accidents from Industrial Facilities and possible Hazards (SEVESO II) (August 10, 2010)

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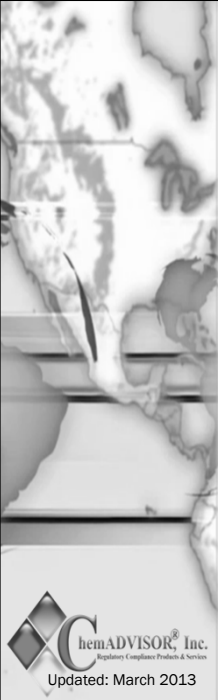
Regulation of Inventory and Control of Chemicals (RICC)

- Published and Administered through the Turkish Ministry of Environment & Urbanism (MoEU)
<http://www.kimyasallar.cevreorman.gov.tr/sources/dinamik.asp?pageid=6>
- Purpose:
 - To establish a Chemical Inventory
 - Reduce and control against adverse effects that chemicals may cause on human health and the environment
 - List of LPV Chemicals (≥ 1 mta) consists of 2887 substances
 - List of HPV Chemicals (≥ 1000 mta) consists of 599 substances
 - A priority list consisting 131 substances

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Regulation of Inventory and Control of Chemicals (Exclusions)

- Substances which are subject to customs supervision in transit, provided that they do not undergo a treatment or processing
- Substances produced or imported for use for military purposes
- Substances that are < 1 mta

All other types of chemical substances are under the scope of the regulation

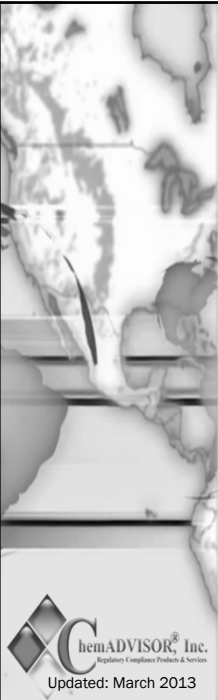


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Regulation of Inventory and Control of Chemicals

- This regulation requires that manufacturers and/or importers of substances present on their own or in preparations in quantities greater than 1 ton/annum submit information to the Ministry of Environment & Urbanism
- Information has to be notified through a secure IT system “HEDSET” on MoEU.



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Ministry of Environment & Urbanism Portal

T.C.
ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI
KİMYASALLAR YÖNETİMİ DAİRESİ BAŞKANLIĞI

Ana Sayfa

Organizasyonel Yapı

Mevzuat

Uluslararası Sözleşmeler

Dokümanlar

Kimyasal Bilgi Sistemi

Kimyasallar Veri Bankası

Büyük Endüstriyel Kazalar Bilgi Sistemi

Haberler

Yayınlar

İletişim

Projeler

Bağlantılar

REACH Bilgi Sistemi

Seveso Bildirim Sistemi

Mevzuat>Yürürlükteki Mevzuat>Yönetmelikler

- Büyük Endüstriyel Kazaların Kontrolü Hakkında Yönetmelik
- Su Tehlikeli Maddelerin, Müstahzarların ve Etilerinin Üretimi, Piyasaya Arzına ve Kullanımına İlişkin Kısıtlamalar Hakkında Yönetmelik (Birleşik Metin)
- Tehlikeli Maddelerin ve Müstahzarların Güvenlik Bilgi Formlarının Hazırlanması ve Dağıtılması Hakkında Yönetmelik
- Tehlikeli Maddelerin ve Müstahzarların Sınıflandırılması, Ambalajlanması ve Etiketlenmesi Hakkında Yönetmelik

Regulations & Laws

• Kimyasalların Envanteri ve Kontrolü Hakkında Yönetmelik (Birleşik Metin)

Chemical Data Bank (HEDSET)

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HEDSET, Secure Access Site

Logo

Logo

KİMYASALLAR VERİ BANKASI

Firma Kodu:*


Kullanıcı Kodu:

Şifreniz:

GİRİŞ


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RICC vs. REACH		
Topic	Turkish ICC	REACH
Substances covered	All chemical substances which are not covered under other regulations	New & existing chemical substances which are not covered by other specific regulations & directives
Threshold limit	Notification: substances >1 tpa	Registration: Substances >1 tpa
Data reporting	Industry is responsible but authorities keep control	Industry is responsible to submit all the information through SIEF formation

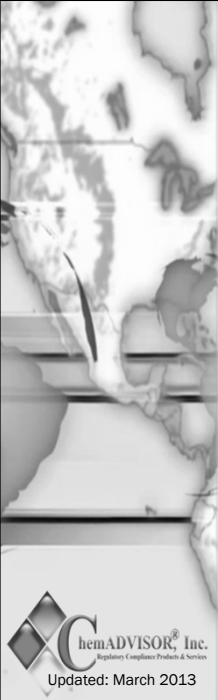

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RICC vs. REACH		
Topic	Turkish ICC	REACH
Data sharing	No data sharing (SIEFs) but group submission is allowed	Substance Information Exchange Fora (SIEFs) and joint submission of Registration dossiers
Confidentiality	Manufacturer or importer shall demand the ministry in writing to keep information confidential	Confidentiality is granted through SIEF agreements and confidentiality flag in registration dossiers



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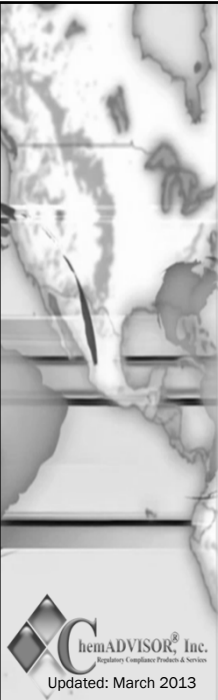
Regulation on Authoring & Distribution of Safety Data Sheets for Hazardous Substances & Preparations

- Hazardous substances & preparations
- Substances & preparations which are not classified as hazardous but which may create a hazard to human health and to the environment within specific concentrations
- Preparations containing a substance which has OEL

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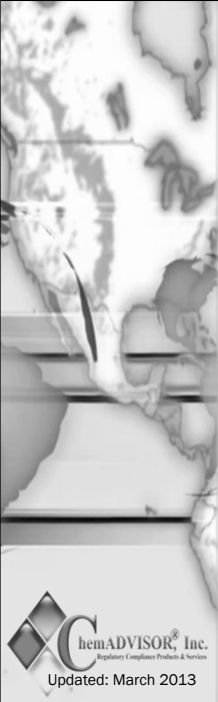
Regulation on Authoring & Distribution of Safety Data Sheets for Hazardous Substances & Preparations

- Safety Data sheets should be prepared or reviewed by certified experts
- Certification is granted through the Turkish Standard Institute
- SDS's & labels must be in Turkish language with Turkish chemical names
- R & S phrases should be as used as specified in Annex V & VI of Turkish CLP regulation

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Regulation on Authoring & Distribution of Safety Data Sheets for Hazardous Substances & Preparations

- Should be supplied both in written form and electronically with the first submission and each revision, free of charge
- An e-copy of SDS should be submitted to the MoEU secure portal.

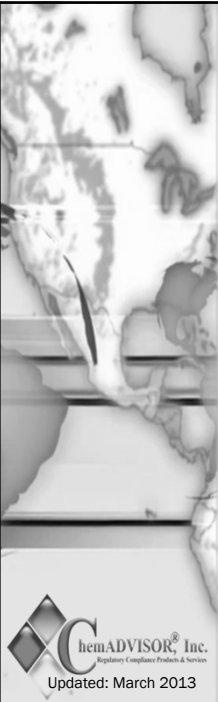


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Regulation on Authoring & Distribution of Safety Data Sheets for Hazardous Substances & Preparations

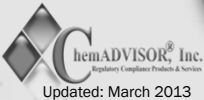
- MSDS has 16 sections. Section order is same with regards to Annex II of REACH except the inversion of section 2 & 3

↺


2. Composition/Information on ingredient

3. Hazard identification

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REVİZYON TARİHİ: 21.09.2013

GÜVENLİK BİLGİ FORMU
CRAD DENEME ÜRÜNÜ

28 Aralık 2008 tarihli 2008/2002 nolu 6710 sayılı T.C. Çevre ve Orman Bakanlığı Teftiş Kurulu Başkanlığı tarafından hazırlanmış ve 2008/2002 nolu 6710 sayılı T.C. Çevre ve Orman Bakanlığı Teftiş Kurulu Başkanlığı tarafından onaylanmıştır.

1. MADDE/MÜSTAHZAR VE ŞİRKETİN SAHİBİNİN TANITIMI

ÜRETİCİ	CRAD ÇİMENTO SAN. VE TİC. A.Ş.	İŞLETİM	SAFİRİYE ÇİMENTO SAN. VE TİC. A.Ş.
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TELEFON	0312 222 22 22	TELEFON	0312 222 22 22
FAX	0312 222 22 22	FAX	0312 222 22 22
E-POSTA	crad@crad.com.tr	E-POSTA	crad@crad.com.tr

KULLANMA
Kullanıcılar için ayrılmıştır.

2. TEHLİKELERİN TANITIMI

Bu madde, tehlikeli değildir. Ancak, uygun şekilde kullanılmadığında, sağlık, çevre ve diğer tehlikeler olabilir.

3. BİLEŞİM/ÜÇÜMLERİNİN TANITIMI

BİLEŞİM/ÜÇÜMLERİNİN TANITIMI	YÜZDE (%)	SAFİRİYE ÇİMENTO SAN. VE TİC. A.Ş.	SAFİRİYE ÇİMENTO SAN. VE TİC. A.Ş.
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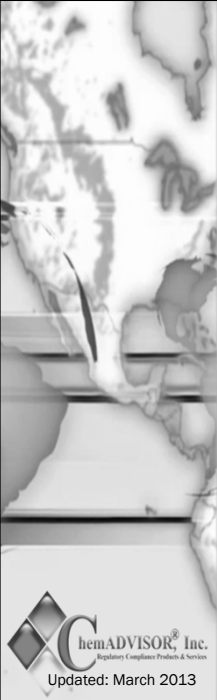
100. GÜVENLİK ÖLÇÜMLERİ

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Sample of Label



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BIYOSİDAL ÜRÜN İSMİ

Name of product

Ingredients (only classified as dangerous according to Turkish CLP)

Üretim ve Satış Yeri

Seri Numarası

Sağlık Bakanlığı Ruhsat Tarihi ve Numarası

Ürün Türü	Yapay Katkı	Yapay Katkı
Azaltıcı katkı	0,05-0,1%	0,05-0,1%
Azaltıcı katkı	0,05-0,1%	0,05-0,1%

Kullanma Yeri Sıvı olan ürün, kapalı ortamda kullanılır.

Üretim firması adı ve adresi

Ruhsat sahibinin adı ve adresi

Net miktarı 60 kg

Brüt ağırlığı 60 kg

Ambalaj ağırlığı 60 kg

Ürünün prospektüsünde yer alan resimlere ve diğer yollarla

Satış yeri

KULLANMADAN ÖNCE OKUYUNUZ

FİRMA LOGOSU

FİRMA İSMİ

İthalatçı/distribütörün adı, adresi, telefon numarası

Stamp of the Ministry

Risk ve güvenlik ifadeleri


8&-S phrases and Risk symbols according to Turkish CLP

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Regulation on Classification, Labeling & Packaging of Hazardous Substances & Preparations (DRAFT)

- The CLP Regulation (Draft) is identical to the former Dangerous Substances Directive: Directive 67/548/EEC &
- Dangerous Preparations Directive : Directive 1999/45/EC
- Draft to harmonize the CLP Regulation is expected to be finalized (by end of 2013)
- Will repeal the current CLP in full as of 06.01.2016



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CLP Harmonization Notification & Deadlines

- Manufacturers/Importers can notify the MoEU through Legal Entities(LE)
- Classification, labeling & packaging of Substances: **Deadline January 1, 2015**
- Classification, labeling & packaging of Mixtures: **Deadline June 1, 2016**

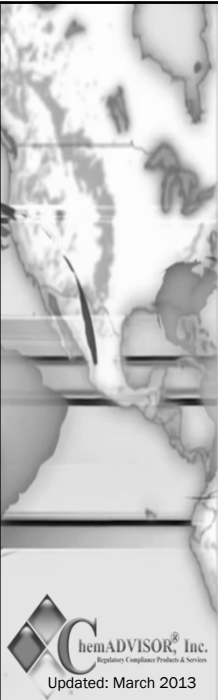


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Notification to C & L Inventory

- Name, address, phone, fax, e-mail of LE, contact person
- Substance identity as given in Art.40
- Classification of the substance in accordance with Art.15
- Reasons if the substance is not classified in accordance with the regulation
- Concentration limit values/M-factor
- Labeling data and Hazard statements

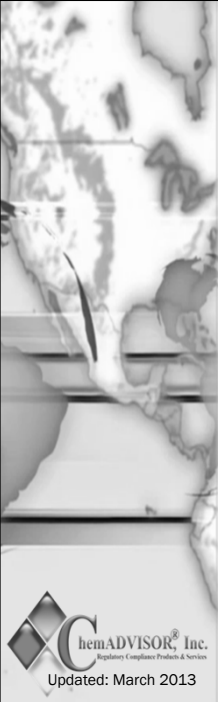


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C & L Inventory

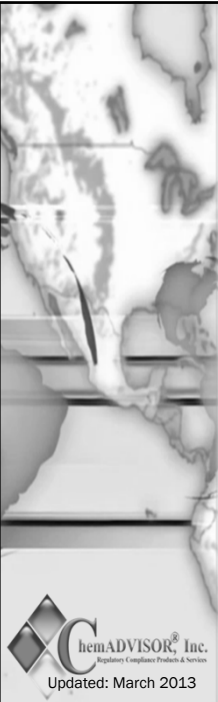
- Substances placed on the market before 1.1.2015 are to be notified from 1.1.2014 to 1.1.2015
- Substances placed on the market after 1.1.2015 for the first time, have to be notified within one month at the latest





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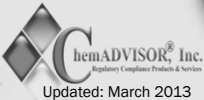
59



CLP Harmonization / Time table for Substances

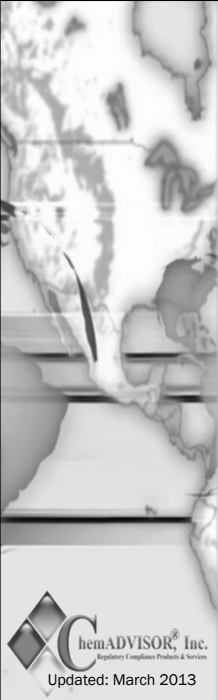
	1.1.2015	6.1.2016
CLP 2008 mandatory/ CLP 2013 optional	CLP 2013 obligatory for L & P, Dual C on SDS	CLP 2013 obligatory for C L & P

*Re-labeling is not required for substances placed on the market before 1.1.2015 until 1.1.2017



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CLP Harmonization / Time table for Mixtures

6.1.2016

CLP 2008 mandatory/ CLP 2013 optional	CLP 2013 mandatory for CL & P
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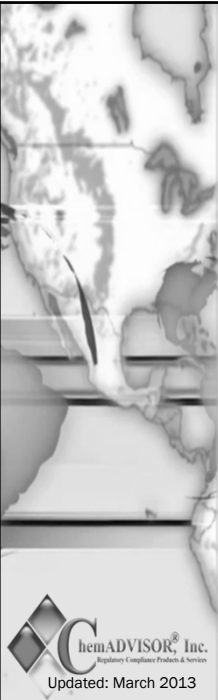
* Re labeling is not required for mixtures placed on the market before 6.1.2016 till 6.1.2018



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Resources

- Ministry of Environment & Urbanism:
<http://www.csb.gov.tr/turkce/index.php>

- Chemical Management Department, of MoEU:
<http://www.kimyasallar.cevreorman.gov.tr/sources/dinamik.asp?pageid=6>



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Resources

Turkish Gazette <http://www.resmigazete.gov.tr/default.aspx>

T.C. Resmî Gazete
Başbakanlık Mevzuatı Geliştirme ve Yayın Genel Müdürlüğüne Yayınları

KURULUŞ: 7 EKİM 1920

07 Eylül 2010 Salı

Ana Sayfa •
Bugün •
Kelime Arama •
Gelişmiş Arama •
Arşiv - Fihrist - Dizin •
Son Mükerrer Gazete •
Mükerrer Arşivi •
Duyurular •
Yardım •

T.C. Resmî Gazete
KURUMSAL İÇİŞİLER BÖLÜMÜ
Başbakanlık Mevzuatı Geliştirme ve Yayın Genel Müdürlüğü tarafından hazırlanan Resmî Gazete, eş zamanlı olarak internet ortamına aktarılmakta olup, Başbakanlık Bilgi İşlem Başkanlığı'nın teknik desteği ile Resmî Gazete Bilgi Sistemi olarak yayımlanmaktadır.

Yargı İlanları • Artırma, Eksiltme ve İhale İlanları • Çeşitli İlanlar • Kurul ve Senet Değerleri • Resmî Gazete ile İlgili Bilgiler

e-Mevzuat
Mevzuat Bilgi Sistemi

Şu anda 86 kullanıcı aktif.

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Questions?



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- Thanks for your Attention

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