

## REACHLAW – TRAINING COURSES FOR CHEMICAL INDUSTRY

### AN INITIATIVE TO PROMOTE



### SKILL DEVELOPMENT IN INDIA

## GHS SAFETY DATA SHEET TRAINING COURSE BROCHURE

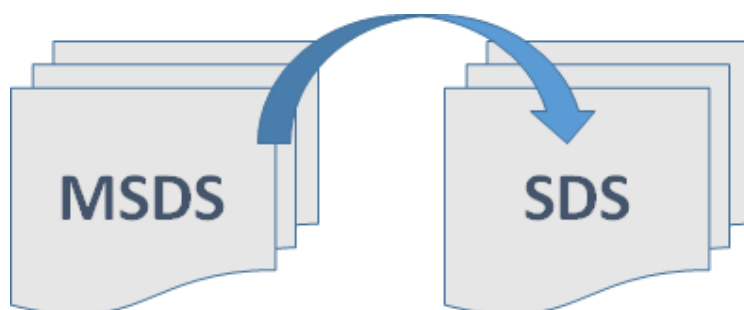
### CLASSROOM COURSES

GHS SAFETY DATA SHEET (SDS/E-SDS) & LABELING (2-DAYS)

SDS SECTIONS 2, 3 & 14 & EXTENDED SDS (E-SDS) (1-DAY)

### ONLINE COURSE

GHS SAFETY DATA SHEET (4 HOURS)



### Why the person or team preparing SDS must be competent?

- Competency – a Regulatory requirement
- There could be penalty or fine imposed by Regulatory Authorities to you or your customers for
  - not keeping SDS or providing a copy of SDS to your customers in compliance with the regulations of the country where the chemical material is placed.
 Example:
  - In US, penalty upto \$12,934 per violation and if the violation is willful and Repeated, the penalty could be upto \$129,336 per violation
  - In EU, Fines up to 50,000 EUR
- Incorrect identification of DG status may lead to heavy fines /penalties / prosecutions imposed by shipping authorities
- Over the recent years, there have been big changes in the MSDS/SDS content due to rapid changes in chemical regulatory framework.
- Incorrect information in SDS may negatively impact Safety and Safety Programs (eg Product Stewardship) at your site or your customers' sites.

### Why you need trained employee(s)?

- SDS is not one-off time task: Regulations demand supplying of updated Safety Data Sheet to the recipients of the chemical products. So, it is important for you to have employees trained on SDS who can understand what information triggers update of the SDS and how to update the same.
- Trained employees can avoid high cost, hidden cost and risk associated with Outsourcing of SDSs preparation by preparing SDS in-house or negotiating with SDS Authoring Service provider skilfully:
  - Many of SDS service providers provide SDSs in a format generated from Software. It may be difficult to update SDSs significantly in those formats, without access to software that has generated the SDS, which results in continued dependency on SDS Service provider, further leading to additional costs to your company.
  - What if your Customer has queries/complaints towards your MSDS/SDS prepared by SDS Authoring Service provider and the Service provider is not responding to those queries/complaints? In such cases, trained employee(s) play a vital role in avoiding customer dissatisfaction.
- If you are thinking of purchasing an SDS software or you have an SDS software for creating SDSs:  
You can't fully rely on the Database of most of the software's available in the market. To cross-check the data or identify the accuracy of the data, you need trained employee(s).

## About Our Course

Our intensive and high-quality course materials are especially designed after series of discussions and feedback from chemical industry professionals handling hazard communication, regulatory compliance, enforcement events and customer communications.

COURSE 1	GHS SAFETY DATA SHEET (SDS)/eSDS & LABELING ( 2 Full Days)
	<p>This concise course is a bundle of all the essentials required to prepare compliant SDS. Candidates will learn how to prepare compliant SDS, labels and apply regulatory changes following implementation of GHS, CLP/REACH, US OSHA Regulations (covers EU and US market). The course is delivered from our pool of qualified professionals successfully managing SDS authoring process.</p> <p><b>Brief Course Content:</b></p> <ul style="list-style-type: none"> <li>• Introduction to SDS/GHS</li> <li>• Step-wise guidance to prepare a compliant SDS covering all 16 Sections/sub-sections</li> <li>• How to determine classification of substances &amp; mixtures in accordance with EU CLP/GHS and International Dangerous Goods Regulations.</li> <li>• Special attention on Sections 1, 2, 3, 8, 9, 11, 12 &amp; 14</li> <li>• Compliant label creation corresponding to packaging sizes</li> <li>• Extended Safety Data Sheet</li> <li>• *Live Demonstration of QSAR tools/software (<a href="#">EPI Suite™ 4.11</a>, <a href="#">ECOSAR V2.0</a>, <a href="#">TEST version 4.2.1</a> &amp; <a href="#">QSAR Toolbox Installer version 4.3</a>) useful for predicting the properties of chemical compounds and filling data gap in SDS.</li> <li>• Group exercises</li> <li>• Written Test</li> </ul> <p><b>Course Duration &amp; Location</b> 2-Days (@ 8-9 hrs/Day), Navi Mumbai / Mumbai / Onsite (on request)</p> <p><b>Course Fee*</b> Price on request *Fee includes:</p> <ul style="list-style-type: none"> <li>• Breakfast &amp; Lunch</li> <li>• Training Kit, Course presentation, editable SDS template for EU &amp; US &amp; guidance material</li> <li>• Attending certificate or successful participation certificate (upon Successful clearance of the written test – Appendix A) will be awarded to each participant.</li> </ul>

COURSE 2	MODULE 1:SDS SECTIONS 2, 3 & 14 & EXTENDED SDS/eSDS ( 1 Day)
<p>This Module encapsulates Sections 2, 3, 14 and eSDS (for ≥10-100 tpa REACH Registered and Classified Substance) which are the most important and complex Portions of SDS Authoring process and often the focal points for Chemical buyers, as well as Enforcement Authorities. Secondly, Precise GHS classification is a key to create an accurate SDS &amp; GHS Label. During this course, Candidates will learn how to classify chemical products (substances as well as mixtures) correctly in accordance with GHS (EU &amp; USA) and International Dangerous Goods Regulations. Also, this course will impart practical knowledge to prepare extended Safety Data Sheet (eSDS) ie SDS containing Exposure Scenarios for a chemical Substance using Chemical Safety Report. The course is delivered from our pool of qualified professionals successfully managing SDS authoring process.</p> <p><b>Brief Course Content:</b></p> <p>Overview of EU GHS &amp; US GHS GHS Physical, Health &amp; Environmental hazards &amp; Classification International Dangerous Goods Classification eSDS essentials Practical Exercises on SDS Sections 2, 3 and 14 &amp; eSDS compilation</p> <p><b>Course Duration &amp; Location</b></p> <p>1 Full Day (8-9 hrs), Navi Mumbai / Mumbai / Onsite (on request)</p> <p><b>Course Fee*</b></p> <p>Price on request</p> <p>*Fee includes:</p> <ul style="list-style-type: none"> <li>• Lunch</li> <li>• Training Kit, Course presentation, editable SDS template for EU &amp; US &amp; guidance material</li> <li>• Attending Certificate (Appendix A)</li> </ul>	

COURSE 3	MODULE 2: GHS SAFETY DATA SHEET – ONLINE COURSE ( 4 Hours)
<p>This concise course is a bundle of all the essentials required to prepare compliant SDS. Candidates will learn how to prepare compliant SDS and apply regulatory changes following implementation of GHS, CLP/REACH, US OSHA Regulations (covers EU and US market). The course is delivered from our pool of qualified professionals successfully managing SDS authoring process.</p> <p><b>Brief Course Content:</b></p> <ul style="list-style-type: none"> <li>• Overview on SDS/GHS</li> <li>• EU &amp; US – General requirements for SDS</li> <li>• Step-wise guidance to prepare a compliant SDS covering all 16 Sections/sub-sections using SDS template.</li> <li>• Demonstration for Section 2 &amp; 3</li> <li>• How to determine classification of substances &amp; mixtures in accordance with EU CLP/GHS.</li> </ul> <p><b>Course Duration &amp; Location</b> 4Hours/ Online</p> <p><b>Course Fee*</b> Price on request *Fee includes:</p> <ul style="list-style-type: none"> <li>• Course presentation, editable SDS template for EU &amp; US &amp; guidance material</li> <li>• Training Recording for limited period</li> <li>• Digital certificate (upon successful participation – Appendix A) will be awarded to each participant.</li> </ul>	

### Medium of Instruction:

English & Hindi

### Eligibility

Industry professionals with work experience in Chemical & Allied Industry or Freshers with Graduate/Post Graduate in Chemistry or related discipline

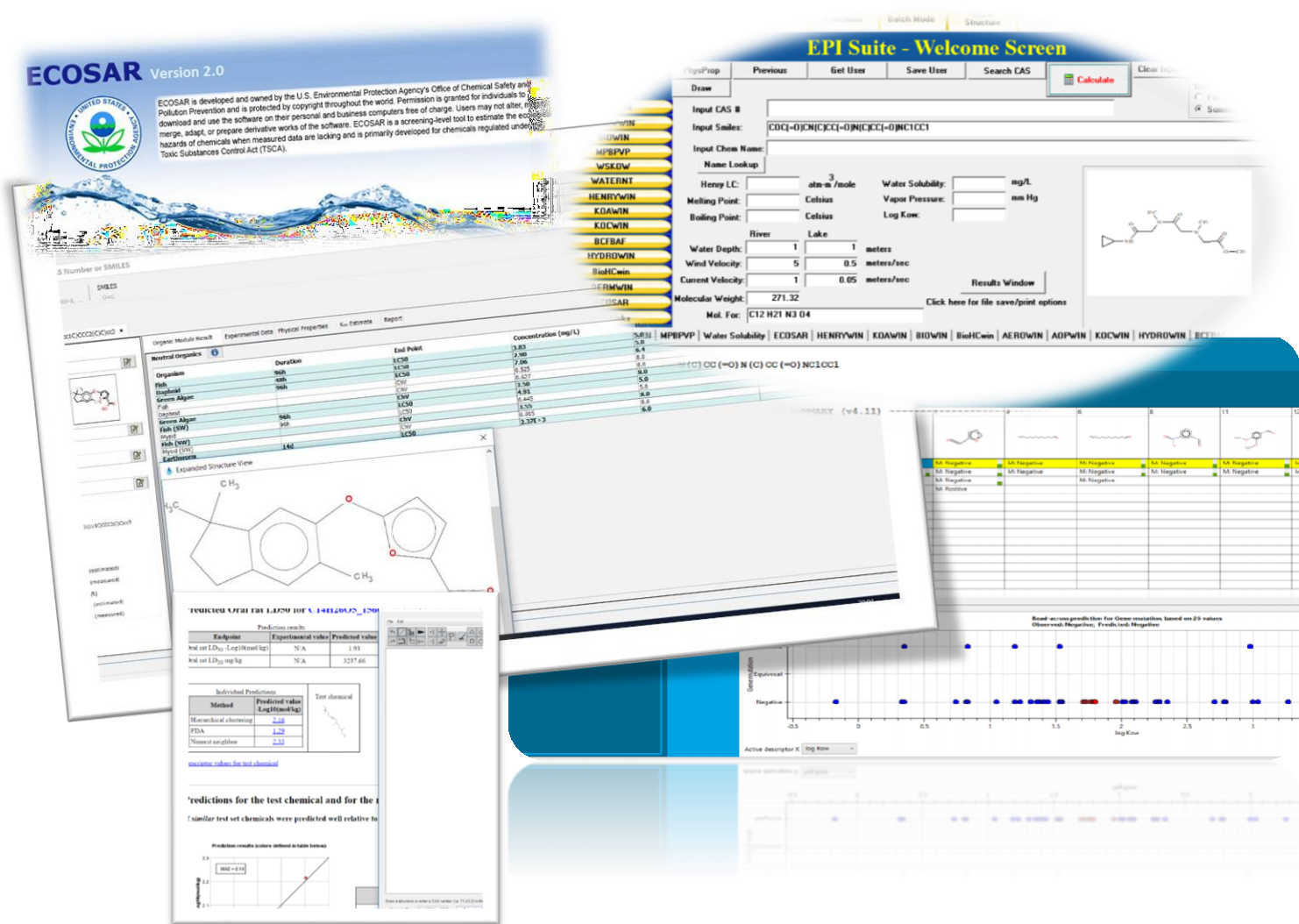
## Our Teaching Methodology (Classroom)

From our industry experience and consulting assignments, our intensive course remains an interactive session right from the beginning with live industry examples, group assignments including trouble shooting sessions to help candidates overcome their practical challenges while filling SDS Sections especially 2, 3 & 14 or authoring eSDS, also considering some key challenges faced by the Chemical formulators.

## Trained SDS professionals are in high demand under various functions in Chemical Agrochemical & Allied Industry

Exports, International Business, Quality, Research & Development, Production, EHS& Safety, Regulatory Affairs, Product Safety / Stewardship, Responsible Care.

\*Glimpse of QSAR tools demonstrated during previous training programs



### Our SDS Course Trainer's Profile:

- Mr Prashant Agarwal
  - He is post graduate in Industrial Chemistry from Jamia Hamdard and has over a decade of experience in Product Stewardship & Regulatory Compliance (Domestic & International), worked on diversified product portfolio, with chemical products catering to fine chemical, pharmaceutical, cosmetic, food, Biocide, Paint & Coating and petrochemical industries
  - He is a knowledgeable & skilled freelance trainer and coach, especially in the realm of Hazard Communication
  - He has trained more than 100 Professionals from Varied Chemical Industries.
  - He has worked with reputed Organizations such as Jubilant Life Sciences and REACHLaw
  - Authored SDSs & GHS Labels for more than 100 chemical products (including complex formulations)
  - Accomplished REACH professional
  - Brings a Blend of Experience, as a result of his experience in Mfg. sector, as well as Consultancy Industry
  - He has been a Certified Lead Auditor of QMS, with strong working knowledge of ISO 9001:2015
  - Possesses sound & implementation knowledge of Sustainability related Standards/programs such as SMETA, ECOVADIS, CDP etc.
  - Member of and Regulatory Advisor to FICCI Chemical Industry Committee



## CHEMICAL REGULATORY TRAINING COURSES – PROGRAM DIRECTOR

### BRIEF PROFILE

#### Mr. GAGAN KUMAR

A seasoned professional, associated with REACHLaw Finland since 2007 and based in India (New Delhi), has 15+ years of work experience in International business & management consulting, worked on various consulting assignments with 450+ clients located in India, EU, US in the area of chemical regulations & testing, purchase & logistics, marketing, business development with diversified product matrix.

He is also associated with CHEMEXCIL (*Set-up by Ministry of Commerce & Industry Government of India*) as Technical Consultant on trade (customs, DGFT) & chemical regulations (EU REACH, Turkey-REACH, Korea-REACH, UK-REACH/Brexit, Russia-REACH, Rotterdam convention, Basel convention, Stockholm convention, Global Chemical Regulations, draft India chemical regulation, BIS including GHS) related matters.

Mr. Kumar, an IIT Delhi alumnus holds B.Tech in Chemical Engineering and M.Tech in Process Engineering & Design.

He also holds certificate in Advance Program in Supply Chain Management from IIM Calcutta.

He has delivered several Seminars, Workshops, Trainings by REACHLaw as well as through partner platforms Chemical Weekly (India), Chemexcil (India), BME Symposium (Berlin) and contribute business standard b2b connect news portal with articles on global chemical regulations covering Europe, Korea, Turkey, Russia, UK/Brexit, Vietnam, Taiwan, Japan, Australia, China, India etc.



APPENDIX A: CERTIFICATE TEMPLATE



## Key Participants of our Previous GHS Safety Data Sheet Training Course

Trained 150+ professionals from 80+ esteemed Organizations including United Phosphorus Ltd., Fine Organic Industries, Raj Petro Specialities Pvt. Ltd., Gulbrandsen Chemicals Pvt. Ltd., Jubilant Life Sciences Ltd, Navin Fluorine and many more.

## Previous Batch Pictures



**1st Classroom Batch, 21<sup>st</sup> & 22<sup>nd</sup> Dec 2018**



**2nd Classroom Batch, 22<sup>nd</sup> & 23<sup>rd</sup> Feb 2019**



**3rd Classroom Batch, 26<sup>th</sup> & 27<sup>th</sup> April 2019**



**Onsite Training NFIL, 7<sup>th</sup> & 8<sup>th</sup> June 2019**



**4th Classroom Batch, 12<sup>th</sup> & 13<sup>th</sup> July 2019**



**5th Classroom Batch 30<sup>th</sup> & 31<sup>st</sup> August 2019**





**6th Classroom Batch 11th & 12th Oct 2019**



**7th Classroom Batch 30th Nov'2019**



**8th Classroom Batch 28th Dec' 2019**



**9th Classroom Batch 25th Jan' 2020**



**10th Classroom Batch 29th Feb' 2020**

### Contact Details

Ms Shruti Singh  
Training Coordinator  
[sdsin@reachlaw.fi](mailto:sdsin@reachlaw.fi)  
+91 9773623075

### Disclaimer:

This document is confidential and intended solely for the use of the individual or entity to whom they are addressed. If you are not the named addressee you should not disseminate, distribute or copy this document. Please notify the sender immediately by e-mail if you have received this document by mistake and delete this e-mail & document from your system. No legally binding liability or commitment would arise unless a proper legal contract is signed by authorized signatories of the company along with the company seal.